VCS Series of snelweg Series XConfiguration en Xstatusuitvoerverzameling met PuTTY

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Inleiding

Dit document beschrijft hoe de CLI-uitvoer van de opdrachten Xvormt en **xstatus** van de Video Communication Server (VCS) Series en de Expressway Series apparaten zoals VCS-Control, VCS-Expressway, Expressway-C en Expressway-E te verzamelen, die het Cisco Technical Assistance Center (TAC) af en toe moet ophalen.

Voorwaarden

Vereisten

Cisco raadt kennis van de volgende onderwerpen aan:

- PuTTY of soortgelijke Terminal Emulation Software zoals SecureCRT, Tera Term of dergelijke.
- Admin-account, gebruikersnaam en wachtwoord voor VCS/Express-series.
- RJ45-D-Sub9pins seriële console Cable of Secure Shell (SSH) toegestaan in het netwerkpad.

Gebruikte componenten

De informatie in dit document is gebaseerd op de volgende software- en hardware-versies:

- PuTTY (Bezoek de PuTTY Download Pagina om een exemplaar te krijgen).
- Een VCS-C die versie 7.2.1 uitvoert, wordt in dit voorbeeld gebruikt dat van toepassing is door

versie 8.2.2, de meest recente versie op het huidige tijdstip.

Configureren

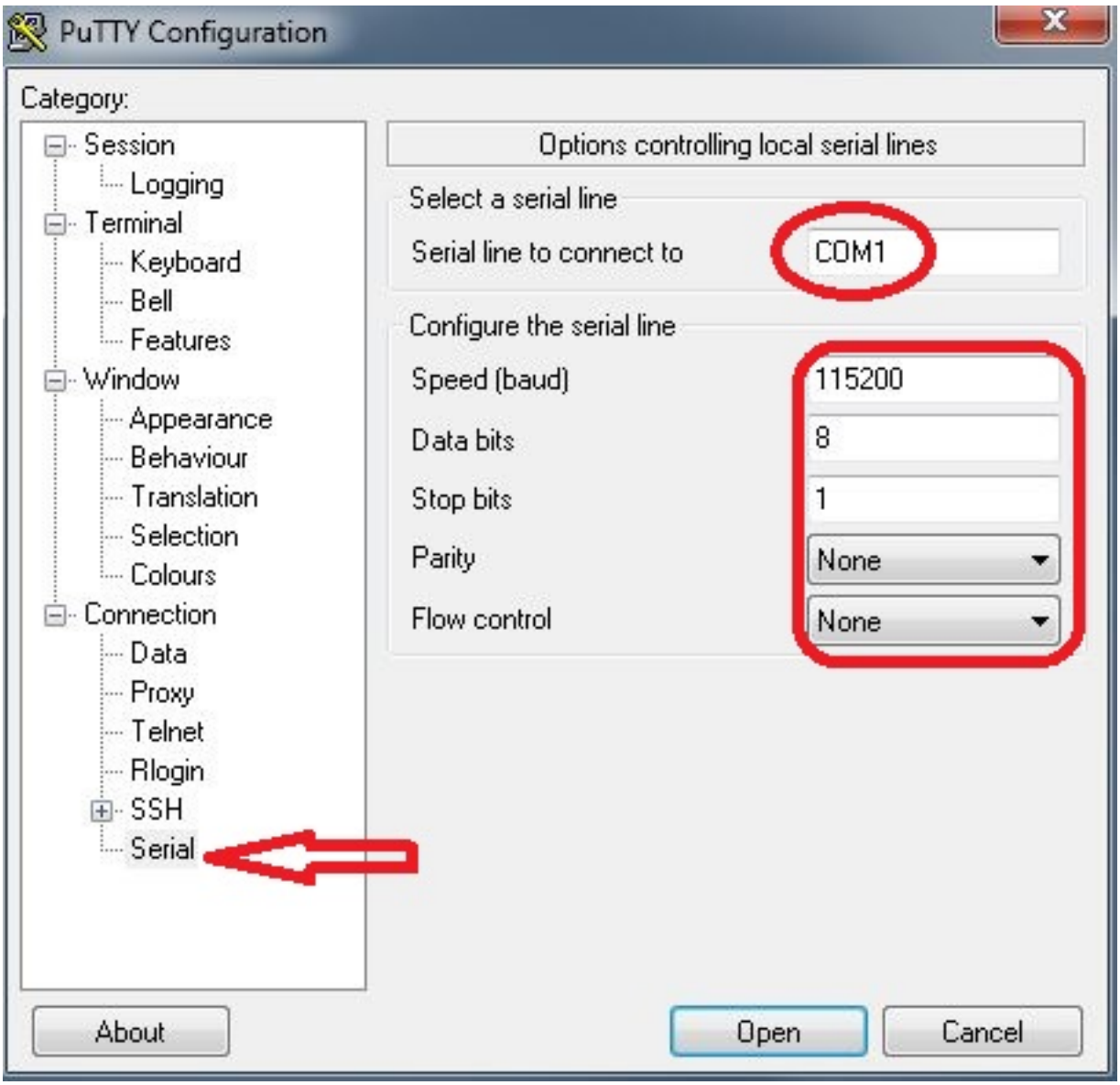
Connect met console

> **Opmerking:** Dit artikel gaat ervan uit dat u een functionele fysieke seriële console kabel hebt aangesloten. U had er één met uw apparaat moeten ontvangen.

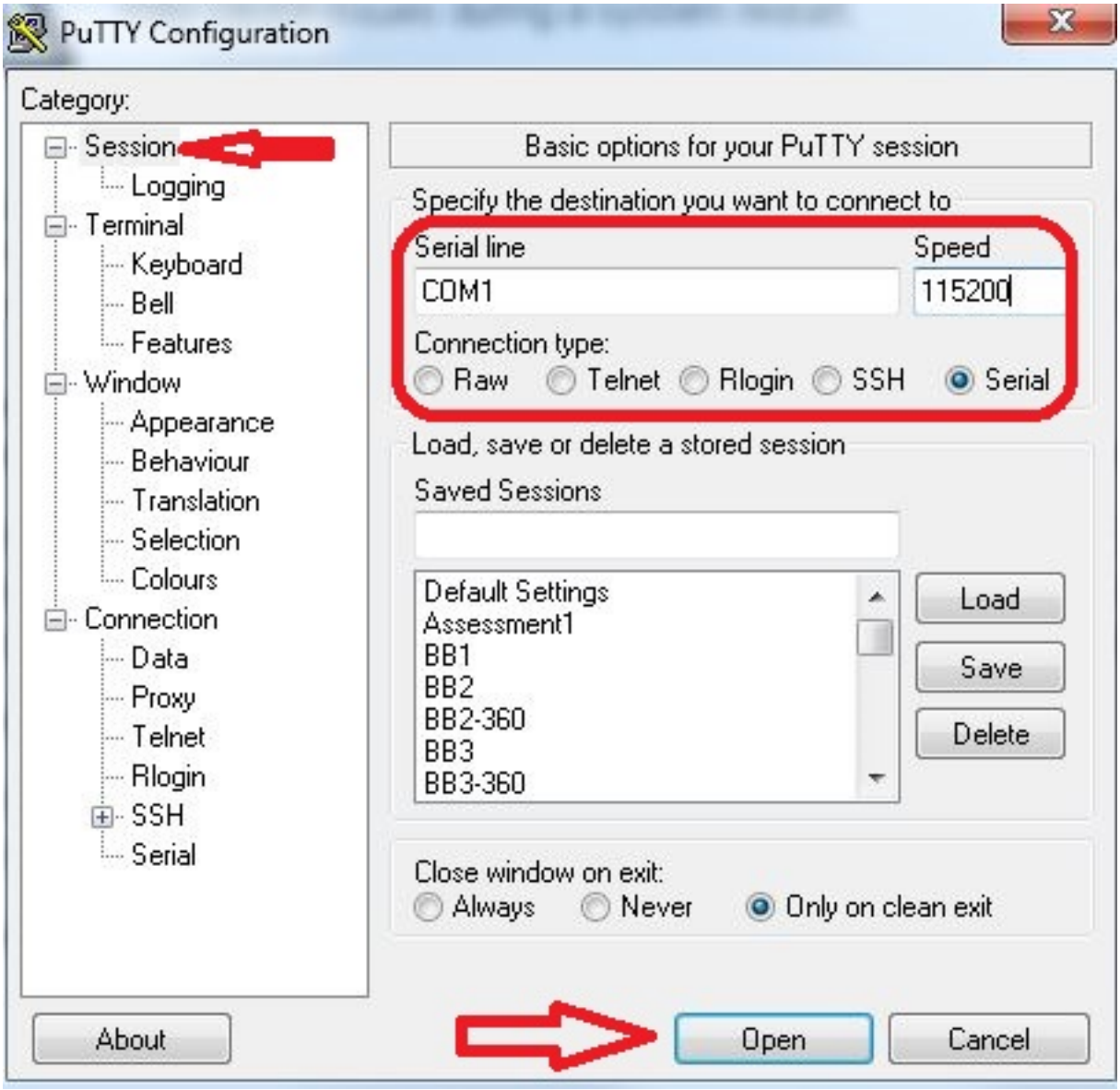
Hier is een voorbeeld van de instellingen die u moet configureren voor seriële console toegang in PuTTY.

> **Opmerking:** U moet de COM-poort (Communication) aanpassen op basis van de manier waarop u de console hebt aangesloten op uw PC.

1. Ga naar **Configuration > Category > Connection > Serial** en pas uw seriële instellingen aan zoals hier wordt getoond:



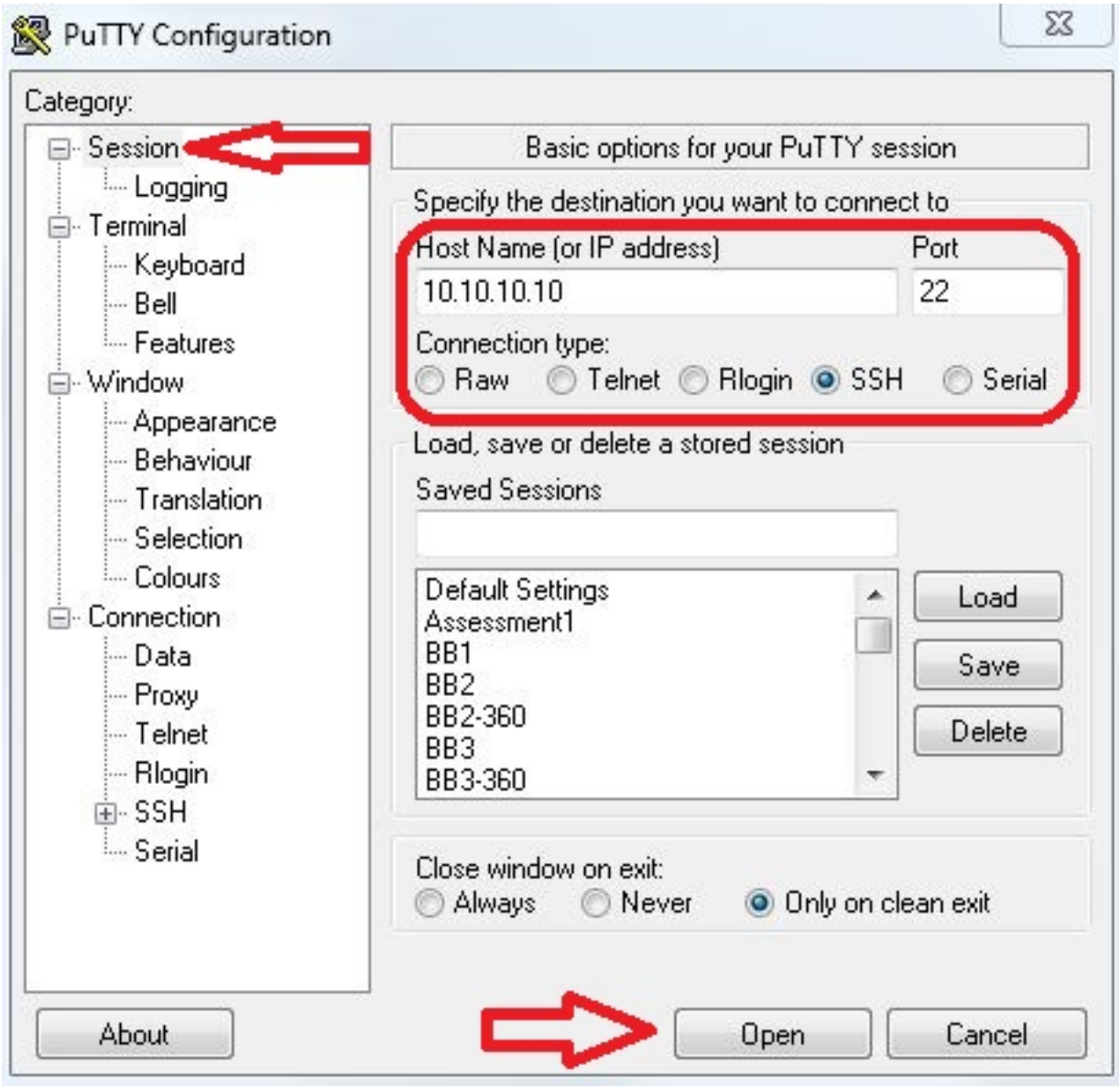
2. Ga naar **Category > Session**, selecteer **serietype** als het verbindingstype en klik op **Open** zoals hieronder wordt getoond:



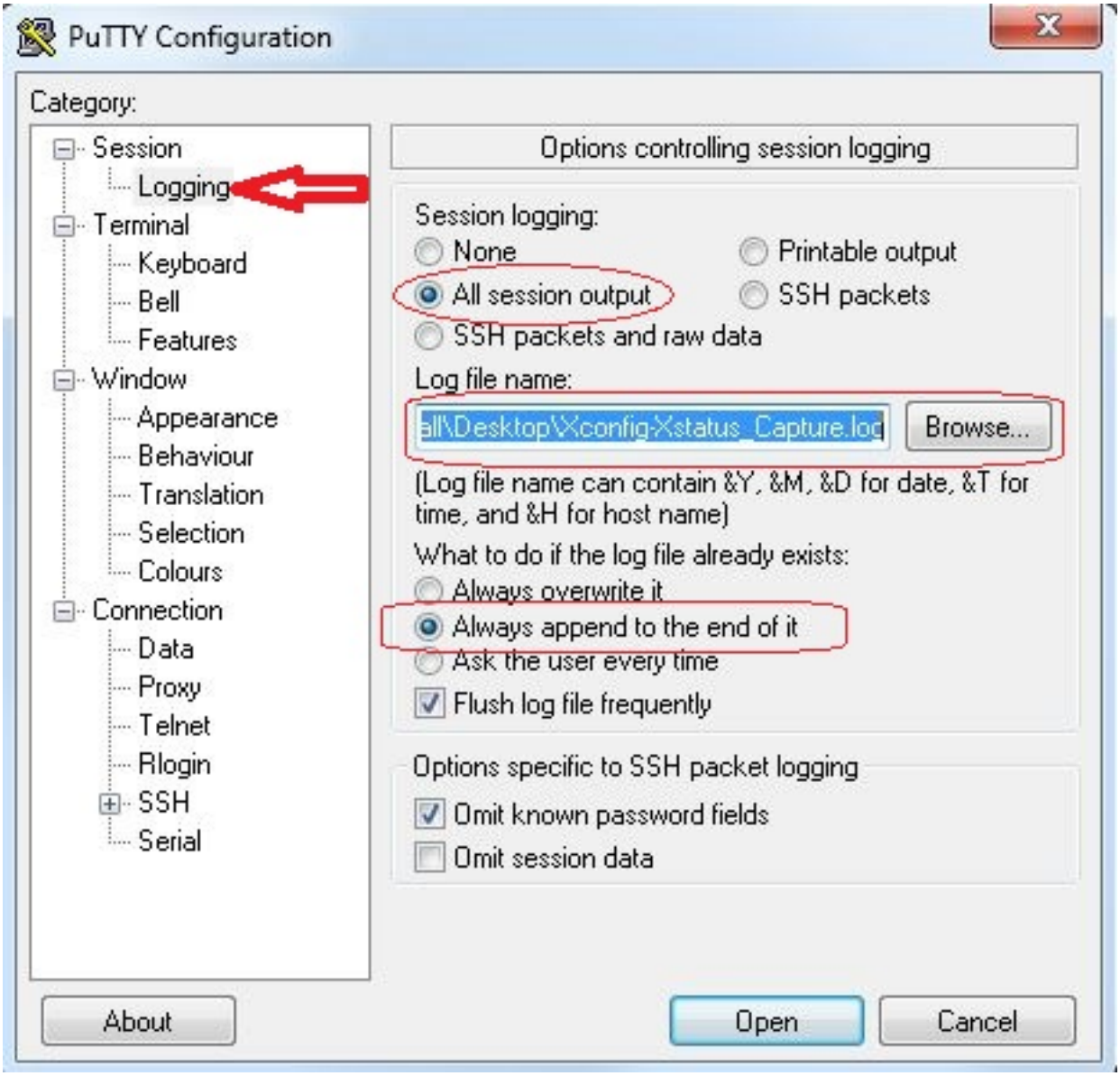
Connect via SSH

Een eenvoudiger alternatief is SSH in het apparaat te plaatsen.

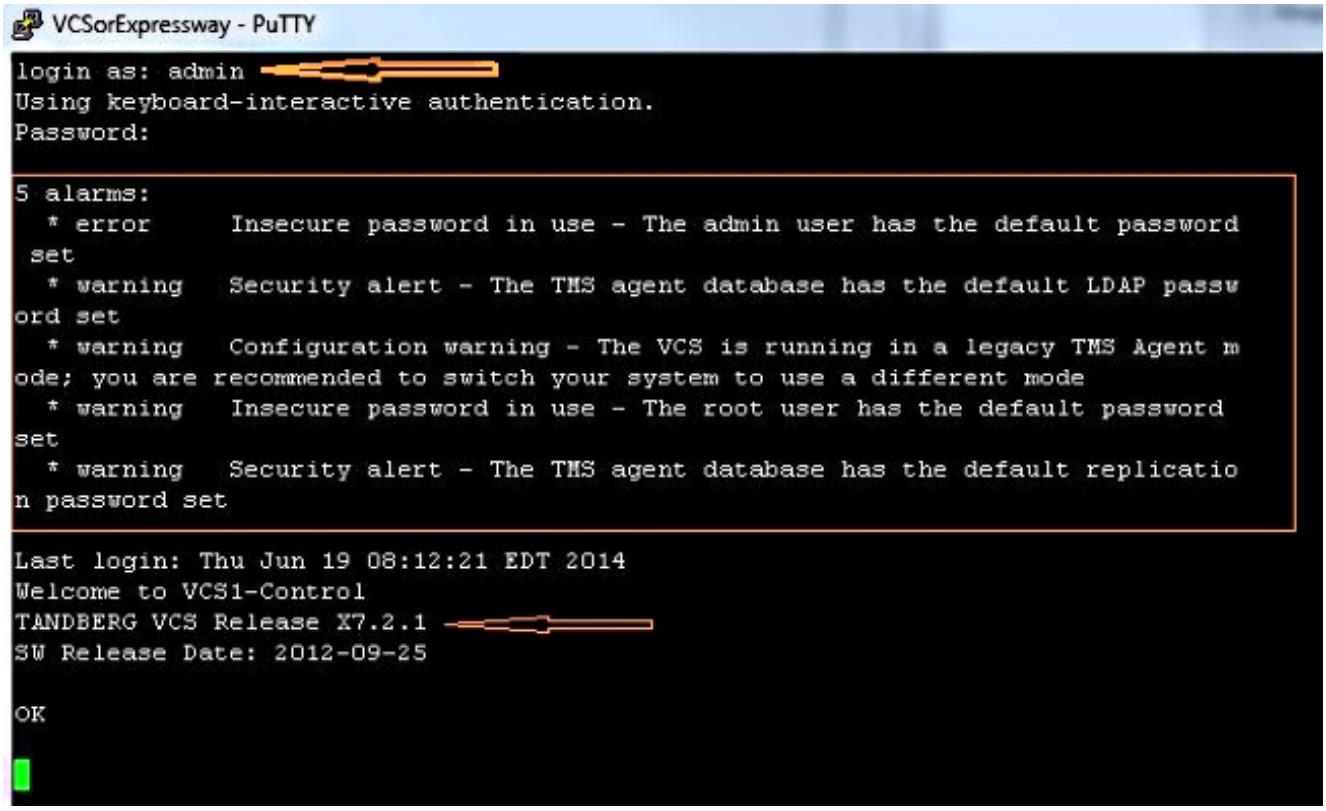
1. Gebruik het IP-adres van uw VCS/Expressway-apparaat om uw instellingen in PuTTY aan te passen zoals in dit voorbeeld:



2. Voordat of tijdens de PuTTY-sessie op uw apparaat wordt uitgevoerd, moet u de vastlegging-instellingen instellen. Ga daartoe naar **Configuration > Category > Session > Logging** en stel de instellingen in om dit voorbeeld te evenaren (pas het bestandspad en de bestandsnaam aan op uw eigen pc en behoeften):

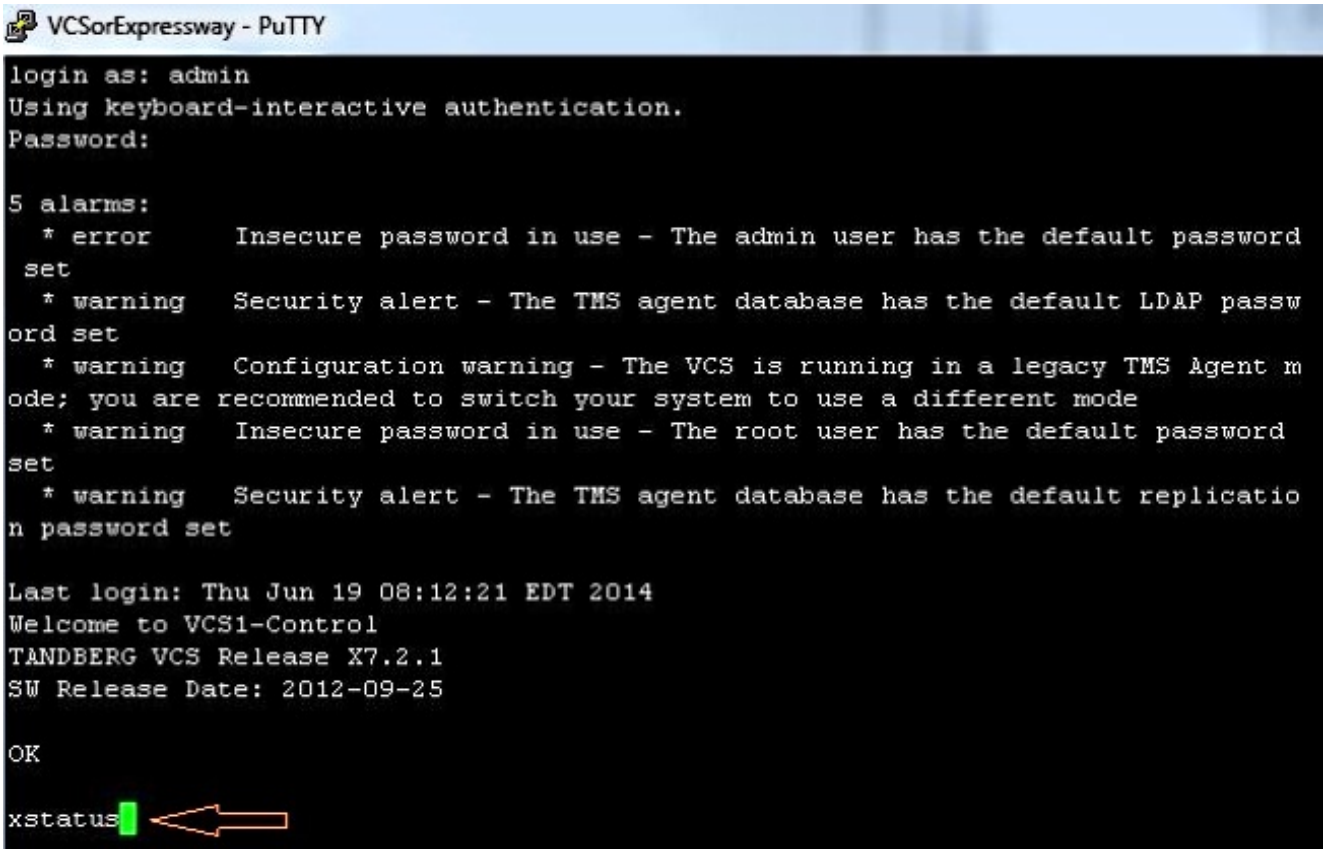


3. Na het aansluiten en inloggen, wordt er een scherm weergegeven dat vergelijkbaar is met dit scherm. Meld u aan als beheerder zoals hier aangegeven wordt.



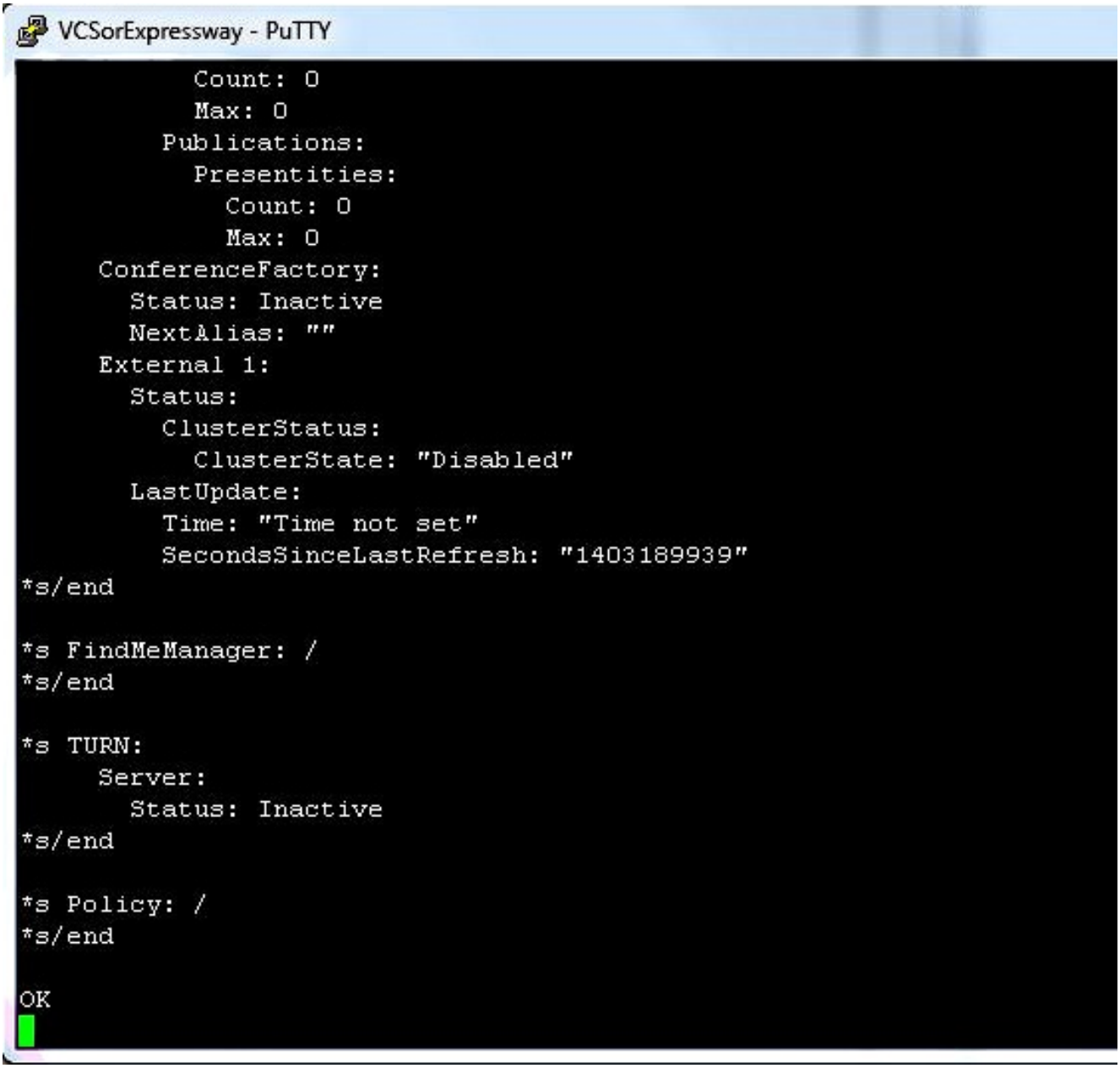
Voorzichtig: Omdat dit een labomgeving is, kunnen de alarmen worden genegeerd. Als alarmen in een productieomgeving worden gezien, moeten zij zo snel mogelijk worden aangepakt.

4. Typ de opdracht **xstatus** en druk op **ENTER**:



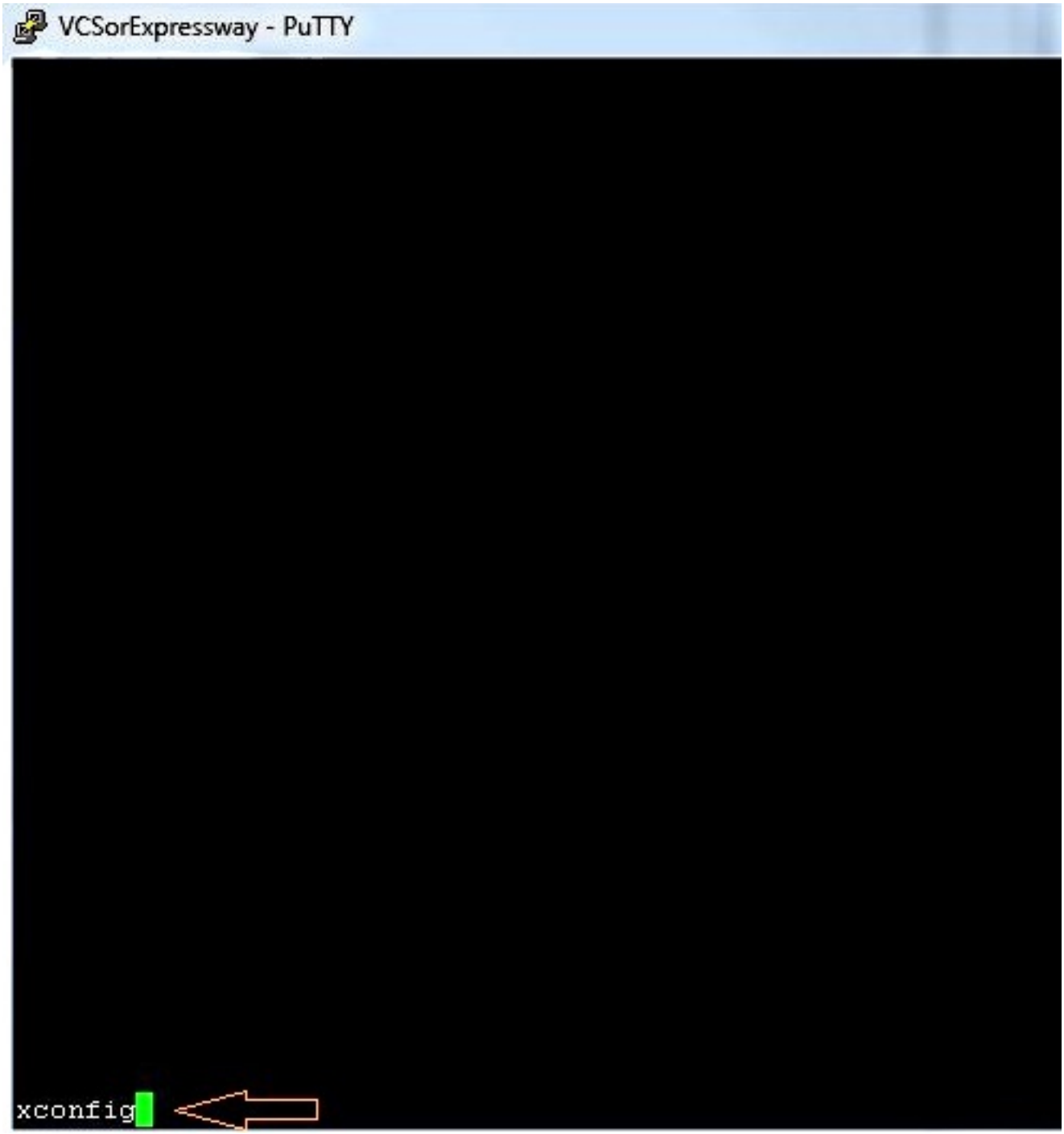
Hier wordt de **xstatus**-uitvoer weergegeven nadat u op ENTER drukt. De productie bleef te

snel om tot het eind te bekijken. Zolang houtkap eerder is geconfigureerd, wordt dit in het tekstbestand opgeslagen.

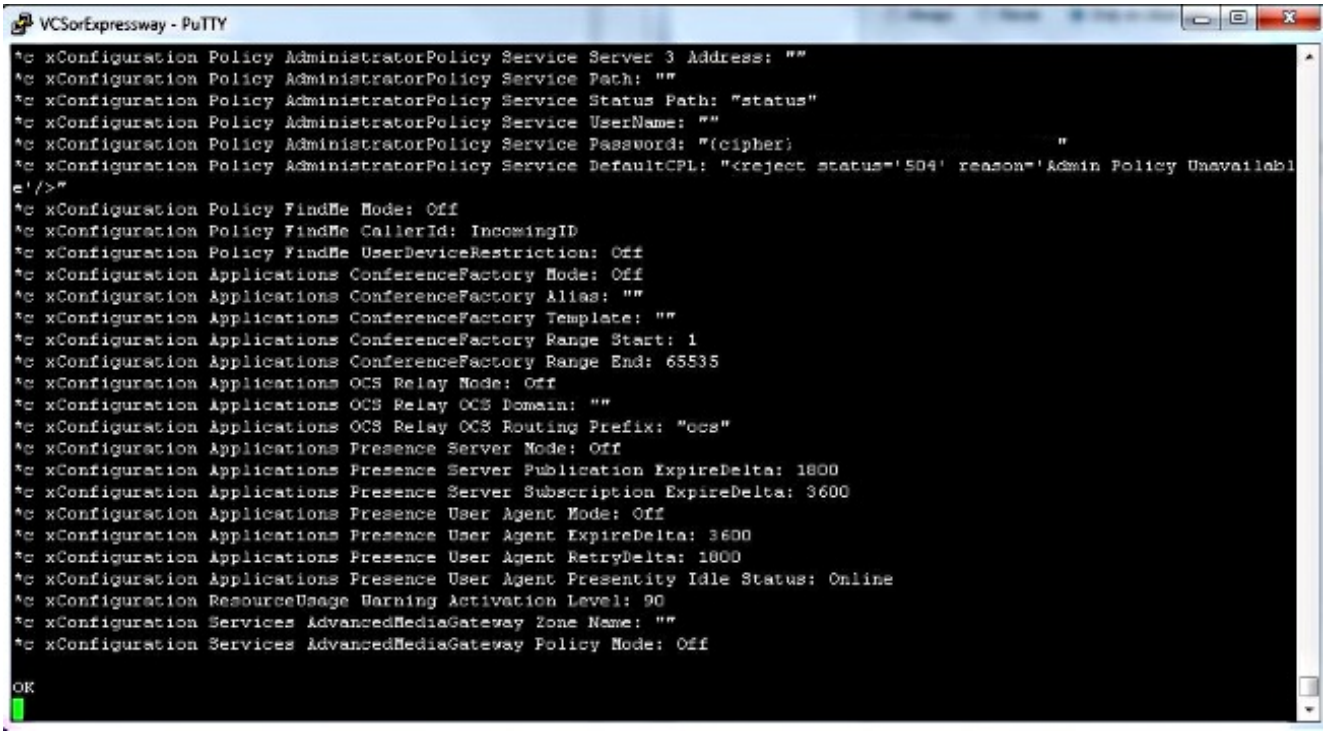


Nu u de output van het **xstatus** bevel hebt verzameld, bent u klaar om de output van het **xfig** bevel te verzamelen.

5. Typ het opdracht **xfig** en druk op **ENTER**.



Hier is een voorbeeld van de **xfig** uitvoer nadat u op binnendringen drukt. De uitvoer bleef te snel naar buiten om tot het einde te bekijken. Zolang de houtkap eerder was geconfigureerd zal dit in het tekstbestand voorkomen.



VCS en Express Series x8.2

In de softwarerelease van x8.2 zijn de **configuratie** en de **xstatus** nu opgenomen wanneer een diagnoselogboek wordt gebruikt.

1. Ga naar **Onderhoud > Diagnostiek > Diagnostische houtkap**.

2. Selecteer **Start nieuw logbestand** en **stop** vervolgens direct **met bloggen**.

   Opmerking: Deze methode bevat ook de **lognapshot.txt** die berichten vastlegt in antwoord op de activiteiten die op dat moment plaatsvinden in de VCS- of de expressway-serie.

   Het gedownload diagnostische logbestand bevat deze bestanden:

   lognapshot.txt - bevat logberichten als antwoord op de activiteiten die tijdens de houtkapperiode zijn uitgevoerd.

   xconf_stop.txt - Bevat informatie over de configuratie van het systeem op het moment dat de houtkap werd gestart.

   xstat_dumtxt - Bevat informatie over de status van het systeem op het moment dat de houtkap werd gestart.

   (indien van toepassing) **diagnostic_logging_tcPDump.pcap** - bevat de pakketten die tijdens de houtkapperiode zijn opgenomen.

Verifiëren

Hier is een voorbeeld van wat de uitvoer **xstatus** en **xfig** eruitziet zoals in het tekstbestand dat met de loginstellingen wordt opgeslagen:

```
xstatus

*s SystemUnit:
    Product: "TANDBERG VCS"
    Uptime: 24963390
    SystemTime: "2014-06-19 14:58:59"
    TimeZone: "US/Eastern"
    LocalTime: "2014-06-19 10:58:59"
    Software:
      Version: "X7.2.1"
      Build: "296181"
      Name: "s42700"
      ReleaseDate: "2012-09-25"
      ReleaseKey: "****************"
      Configuration:
        NonTraversalCalls: 500
        TraversalCalls: 200
        Registrations: 2500
        Expressway: False
        Encryption: True
        Interworking: True
        FindMe: True
        DeviceProvisioning: True
        DualNetworkInterfaces: False
        AdvancedAccountSecurity: False
        StarterPack: False
        EnhancedOCSCollaboration: True
    Hardware:
      Version: "VMWare"
      SerialNumber: "********"
*s/end

*s Ethernet 1:
    MacAddress: "00:50:56:A1:70:06"
    Speed: 10000full
    IPv4:
      Address: "10.10.10.10"
      SubnetMask: "255.255.255.0"
*s/end

*s Ethernet 2:
    MacAddress: "00:50:56:A1:70:04"
    Speed: 10000full
    IPv4:
      Address: "192.168.0.100"
      SubnetMask: "255.255.255.0"
*s/end

*s Options:
    Option 1:
      Key: "116341X300-1-!!!!!!!!"
      Description: "300 Non-traversal Calls"
    Option 2:
      Key: "116341P00-1-!!!!!!!!"
      Description: "Device Provisioning"
    Option 3:
      Key: "116341G00-1-!!!!!!!!!"
      Description: "H323-SIP Interworking Gateway"
    Option 4:
```

```
      Key: "116341U00-1-!!!!!!!!!"
      Description: "FindMe"
    Option 5:
      Key: "116341C00-1-!!!!!!!!!"
      Description: "Enhanced OCS Collaboration"
    Option 8:
      Key: "116341Y200-1-!!!!!!!!"
      Description: "200 Traversal Calls"
    Option 9:
      Key: "116341X200-1-!!!!!!!!"
      Description: "200 Non-traversal Calls"
*s/end

*s IP:
    Protocol: IPv4
    IPv4:
      Gateway: "10.10.10.1"
*s/end

*s ExternalManager:
    Status: Active
    Address: "10.10.10.104"
    Protocol: HTTP
    URL: "tms/public/external/management/systemmanagementservice.asmx"
*s/end

*s Feedback 1:
    Status: Off
*s/end

*s Feedback 2:
    Status: Off
*s/end

*s Feedback 3:
    Status: On
    URL: "http://10.10.10.104/tms/public/feedback/code.aspx"
    Expression: "/Event/CallDisconnected"
    Expression: "/Event/CallConnected"
    Expression: "/Event/CallFailure"
    Expression: "/Event/RegistrationAdded"
    Expression: "/Event/RegistrationChanged"
    Expression: "/Event/ResourceUsage"
    Expression: "/Event/AuthenticationFailure"
    Expression: "/Status/Warnings"
*s/end

*s ResourceUsage:
    Calls:
      Traversal:
        Current: 0
        Max: 0
        Total: 0
      NonTraversal:
        Current: 0
        Max: 1
        Total: 2
    Registrations:
      Current: 0
      Max: 3
      Total: 42
*s/end

*s Calls: /
```

```
*s/end

*s Zones:
    DefaultZone:
      Name: "DefaultZone"
      Bandwidth:
        LocalUsage: 0
        ClusterUsage: 0
    LocalZone:
      DefaultSubZone:
        Name: "DefaultSubZone"
        Bandwidth:
          LocalUsage: 0
          ClusterUsage: 0
      TraversalSubZone:
        Name: "TraversalSubZone"
        Bandwidth:
          LocalUsage: 0
          ClusterUsage: 0
      ClusterSubZone:
        Name: "ClusterSubZone"
        Bandwidth:
          LocalUsage: 0
          ClusterUsage: 0
    Searches:
      Current: 0
      CurrentDirected: 0
      Total: 64081
      Dropped: 0
      MaxSubSearchExceeded: 0
      MaxTargetsExceeded: 0
    Zone 1:
      Name: "TraversalZone"
      Bandwidth:
        LocalUsage: 0
        ClusterUsage: 0
      Status: Active
      Type: TraversalClient
      TraversalClient:
        Peer 1:
          H323:
            Status: Active
            Address: "10.10.10.102"
            Port: 6001
            LastStatusChange: "2014-04-03 09:50:35"
          SIP:
            Status: Active
            Address: "10.10.10.102"
            Port: 7001
            LastStatusChange: "2014-04-03 09:49:13"
            Server: "TANDBERG/4102 (X7.0)"
*s/end

*s Alternates: /
*s/end

*s Links:
    Link 1:
      Name: "DefaultSZtoTraversalSZ"
      Bandwidth:
        LocalUsage: 0
        ClusterUsage: 0
    Link 2:
      Name: "DefaultSZtoDefaultZ"
```

```
      Bandwidth:
        LocalUsage: 0
        ClusterUsage: 0
    Link 3:
      Name: "DefaultSZtoClusterSZ"
      Bandwidth:
        LocalUsage: 0
        ClusterUsage: 0
    Link 4:
      Name: "TraversalSZtoDefaultZ"
      Bandwidth:
        LocalUsage: 0
        ClusterUsage: 0
    Link 5:
      Name: "Zone001ToTraversalSZ"
      Bandwidth:
        LocalUsage: 0
        ClusterUsage: 0
*s/end

*s Pipes: /
*s/end

*s Registrations: /
*s/end

*s SIP:
    Ethernet 1:
      IPv4:
        UDP:
          Status: Inactive
        TCP:
          Status: Active
          Address: "10.10.10.10:5060"
        TLS:
          Status: Active
          Address: "10.10.10.10:5061"
      IPv6:
        UDP:
          Status: Inactive
        TCP:
          Status: Inactive
        TLS:
          Status: Inactive
    Ethernet 2:
      IPv4:
        UDP:
          Status: Inactive
        TCP:
          Status: Inactive
        TLS:
          Status: Inactive
      IPv6:
        UDP:
          Status: Inactive
        TCP:
          Status: Inactive
        TLS:
          Status: Inactive
    Transport:
      Server 19857:
        Socket:
          Type: "SERV_UDP"
          State: "INUSE"
```

```
    ID:
      Local: 85393
      Global: 0
    Buffer:
      Input:
        Length: 20000
      Output:
        Length: 20000
  Local:
    Address: "127.0.0.1:5060"
  Remote:
    Address: ""
  Network:
    Number: 1
  Certificate:
    Subject:
      Name: ""
  TLS:
    Cipher:
      Name: ""
  Last:
    Packet:
      Received: 0
  Close:
    In: 20
  Secure: False
  X509:
    Certificate:
      Verified: False
  Queue:
    Max:
      Size: 0
    Add:
      Failures: 0
  Flow:
    Token: ""
Server 19856:
  Socket:
    Type: "SERV_TCP"
    State: "INUSE"
    ID:
      Local: 150928
      Global: 1
    Buffer:
      Input:
        Length: 0
      Output:
        Length: 0
  Local:
    Address: "127.0.0.1:5060"
  Remote:
    Address: ""
  Network:
    Number: 1
  Certificate:
    Subject:
      Name: ""
  TLS:
    Cipher:
      Name: ""
  Last:
    Packet:
      Received: 0
  Close:
```

```
    In: 20
  Secure: False
  X509:
    Certificate:
      Verified: False
  Queue:
    Max:
      Size: 0
    Add:
      Failures: 0
  Flow:
    Token: ""
Server 19855:
  Socket:
    Type: "SERV_TLS"
    State: "INUSE"
    ID:
      Local: 216463
      Global: 2
    Buffer:
      Input:
        Length: 0
      Output:
        Length: 0
  Local:
    Address: "127.0.0.1:5061"
  Remote:
    Address: ""
  Network:
    Number: 1
  Certificate:
    Subject:
      Name: ""
  TLS:
    Cipher:
      Name: ""
  Last:
    Packet:
      Received: 0
  Close:
    In: 20
  Secure: True
  X509:
    Certificate:
      Verified: False
  Queue:
    Max:
      Size: 0
    Add:
      Failures: 0
  Flow:
    Token: ""
Server 19854:
  Socket:
    Type: "SERV_UDP"
    State: "INUSE"
    ID:
      Local: 281998
      Global: 3
    Buffer:
      Input:
        Length: 20000
      Output:
        Length: 20000
```

```
  Local:
    Address: "[::1]:5060"
  Remote:
    Address: ""
  Network:
    Number: 1
  Certificate:
    Subject:
      Name: ""
  TLS:
    Cipher:
      Name: ""
  Last:
    Packet:
      Received: 0
  Close:
    In: 20
  Secure: False
  X509:
    Certificate:
      Verified: False
  Queue:
    Max:
      Size: 0
    Add:
      Failures: 0
  Flow:
    Token: ""
Server 19853:
  Socket:
    Type: "SERV_TCP"
    State: "INUSE"
    ID:
      Local: 347533
      Global: 4
    Buffer:
      Input:
        Length: 0
      Output:
        Length: 0
  Local:
    Address: "[::1]:5060"
  Remote:
    Address: ""
  Network:
    Number: 1
  Certificate:
    Subject:
      Name: ""
  TLS:
    Cipher:
      Name: ""
  Last:
    Packet:
      Received: 0
  Close:
    In: 20
  Secure: False
  X509:
    Certificate:
      Verified: False
  Queue:
    Max:
      Size: 0
```

```
    Add:
      Failures: 0
  Flow:
    Token: ""
Server 19852:
  Socket:
    Type: "SERV_TLS"
    State: "INUSE"
    ID:
      Local: 413068
      Global: 5
    Buffer:
      Input:
        Length: 0
      Output:
        Length: 0
  Local:
    Address: "[::1]:5061"
  Remote:
    Address: ""
  Network:
    Number: 1
  Certificate:
    Subject:
      Name: ""
  TLS:
    Cipher:
      Name: ""
  Last:
    Packet:
      Received: 0
  Close:
    In: 20
  Secure: True
  X509:
    Certificate:
      Verified: False
  Queue:
    Max:
      Size: 0
    Add:
      Failures: 0
  Flow:
    Token: ""
Server 19851:
  Socket:
    Type: "SERV_TCP"
    State: "INUSE"
    ID:
      Local: 478603
      Global: 6
    Buffer:
      Input:
        Length: 0
      Output:
        Length: 0
  Local:
    Address: "10.10.10.10:5060"
  Remote:
    Address: ""
  Network:
    Number: 2
  Certificate:
    Subject:
```

```
      Name: ""
  TLS:
    Cipher:
      Name: ""
  Last:
    Packet:
      Received: 0
  Close:
    In: 20
  Secure: False
  X509:
    Certificate:
      Verified: False
  Queue:
    Max:
      Size: 0
    Add:
      Failures: 0
  Flow:
    Token: ""
Server 19850:
  Socket:
    Type: "SERV_TLS"
    State: "INUSE"
    ID:
      Local: 544138
      Global: 7
    Buffer:
      Input:
        Length: 0
      Output:
        Length: 0
  Local:
    Address: "10.10.10.10:5061"
  Remote:
    Address: ""
  Network:
    Number: 2
  Certificate:
    Subject:
      Name: ""
  TLS:
    Cipher:
      Name: ""
  Last:
    Packet:
      Received: 0
  Close:
    In: 20
  Secure: True
  X509:
    Certificate:
      Verified: False
  Queue:
    Max:
      Size: 0
    Add:
      Failures: 0
  Flow:
    Token: ""
Client 7747:
  Socket:
    Type: "TLS_OUTG"
    State: "INUSE"
```

```
          ID:
            Local: 825433667
            Global: 654
          Buffer:
            Input:
              Length: 5120
            Output:
              Length: 20000
        Local:
          Address: "10.10.10.10:27573"
        Remote:
          Address: "10.10.10.102:7001"
        Network:
          Number: 2
        Certificate:
          Subject:
            Name: ""
        TLS:
          Cipher:
            Name: "DHE-RSA-AES256-SHA"
        Last:
          Packet:
            Received: -1798628722
        Close:
          In: 900
        Secure: True
        X509:
          Certificate:
            Verified: False
        Queue:
          Max:
            Size: 1
          Add:
            Failures: 0
        Flow:
          Token: ""
*s/end

*s H323:
    Registration:
      Status: Active
      IPv4:
        Address: "10.10.10.10:1719"
    CallSignaling:
      Status: Active
      IPv4:
        Address: "10.10.10.10:1720"
    Assent:
      CallSignaling:
        Status: Inactive
    H46018:
      CallSignaling:
        Status: Inactive
*s/end

*s Applications:
    Presence:
      UserAgent:
        Status: Inactive
        Presentity:
          Count: 0
      Server:
        Subscriptions:
          Count: 0
```

```
          Max: 0
          Expired: 0
          Subscribers:
            Count: 0
            Max: 0
        Status: Inactive
        Presentities:
          Count: 0
          Max: 0
        Publications:
          Presentities:
            Count: 0
            Max: 0
    ConferenceFactory:
      Status: Inactive
      NextAlias: ""
    External 1:
      Status:
        ClusterStatus:
          ClusterState: "Disabled"
      LastUpdate:
        Time: "Time not set"
        SecondsSinceLastRefresh: "1403189939"
*s/end

*s FindMeManager: /
*s/end

*s TURN:
    Server:
      Status: Inactive
*s/end

*s Policy: /
*s/end

OK
```

```
xcommand xconfig
*c xConfiguration Login Remote Protocol: LDAP
*c xConfiguration Login Remote LDAP Server Address: ""
*c xConfiguration Login Remote LDAP Server FQDNResolution: AddressRecord
*c xConfiguration Login Remote LDAP Server Port: 389
*c xConfiguration Login Remote LDAP VCS BindUsername: ""
*c xConfiguration Login Remote LDAP VCS BindPassword: "{cipher}XXXXXXXXXX
XXXXXXXXXXX"
*c xConfiguration Login Remote LDAP VCS BindDN: ""
*c xConfiguration Login Remote LDAP BaseDN Accounts: ""
*c xConfiguration Login Remote LDAP BaseDN Groups: ""
*c xConfiguration Login Remote LDAP Encryption: Off
*c xConfiguration Login Remote LDAP SASL: DIGEST-MD5
*c xConfiguration Login Remote LDAP CRLCheck: None
*c xConfiguration Login Remote LDAP DirectoryType: ActiveDirectory
*c xConfiguration SystemUnit Name: "VCS1-Control"
*c xConfiguration SystemUnit Maintenance Mode: Off
*c xConfiguration Option 1 Key: "116341X300-1-!!!!!!!!"
*c xConfiguration Option 2 Key: "116341P00-1-!!!!!!!!"
*c xConfiguration Option 3 Key: "116341G00-1-!!!!!!!!!"
*c xConfiguration Option 4 Key: "116341U00-1-!!!!!!!!!"
*c xConfiguration Option 5 Key: "116341C00-1-!!!!!!!!"
*c xConfiguration Option 8 Key: "116341Y200-1-!!!!!!!!"
*c xConfiguration Option 9 Key: "116341X200-1-!!!!!!!!"
*c xConfiguration Ethernet 1 Speed: Auto
*c xConfiguration Ethernet 1 IP V4 Address: "10.10.10.10"
*c xConfiguration Ethernet 1 IP V4 SubnetMask: "255.255.255.0"
*c xConfiguration Ethernet 1 IP V6 Address: ""
*c xConfiguration Ethernet 2 Speed: Auto
*c xConfiguration Ethernet 2 IP V4 Address: "192.168.0.100"
*c xConfiguration Ethernet 2 IP V4 SubnetMask: "255.255.255.0"
*c xConfiguration Ethernet 2 IP V6 Address: ""
*c xConfiguration IPProtocol: IPv4
*c xConfiguration IP Gateway: "10.10.10.1"
*c xConfiguration IP QoS Mode: None
*c xConfiguration IP QoS Value: 0
*c xConfiguration IP V6 Gateway: ""
*c xConfiguration IP DNS Domain Name: "######.local"
*c xConfiguration IP DNS Hostname: "VCS1-Control"
*c xConfiguration IP Ephemeral PortRange Start: 40000
*c xConfiguration IP Ephemeral PortRange End: 49999
*c xConfiguration IP RFC4821 Mode: Disabled
*c xConfiguration Administration Telnet Mode: Off
*c xConfiguration Administration SSH Mode: On
*c xConfiguration Administration HTTP Mode: On
*c xConfiguration Administration HTTPS Mode: On
*c xConfiguration Administration LCDPanel Mode: On
*c xConfiguration ExternalManager Address: "10.10.10.104"
*c xConfiguration ExternalManager Path: "tms/public/external/management/system
managementservice.asmx"
*c xConfiguration ExternalManager Protocol: HTTP
*c xConfiguration ExternalManager Server Certificate Verification Mode: On
*c xConfiguration Registration RestrictionPolicy Mode: None
*c xConfiguration Registration RestrictionPolicy Service Protocol: HTTP
*c xConfiguration Registration RestrictionPolicy Service TLS Verify Mode: On
*c xConfiguration Registration RestrictionPolicy Service TLS CRLCheck Mode: Off
*c xConfiguration Registration RestrictionPolicy Service Server 1 Address: ""
*c xConfiguration Registration RestrictionPolicy Service Server 2 Address: ""
*c xConfiguration Registration RestrictionPolicy Service Server 3 Address: ""
*c xConfiguration Registration RestrictionPolicy Service Path: ""
*c xConfiguration Registration RestrictionPolicy Service Status Path: "status"
```

```
*c xConfiguration Registration RestrictionPolicy Service UserName: ""
*c xConfiguration Registration RestrictionPolicy Service Password: "{cipher}
XXXXXXXXXXXXXXXXXXXX"
*c xConfiguration Registration RestrictionPolicy Service DefaultCPL: "<reject
status='504' reason='Registration Policy Unavailable'/>"
*c xConfiguration Alternates ConfigurationMaster: 1
*c xConfiguration Alternates Cluster Name: ""
*c xConfiguration Alternates Peer 1 Address: ""
*c xConfiguration Alternates Peer 2 Address: ""
*c xConfiguration Alternates Peer 3 Address: ""
*c xConfiguration Alternates Peer 4 Address: ""
*c xConfiguration Alternates Peer 5 Address: ""
*c xConfiguration Alternates Peer 6 Address: ""
*c xConfiguration Transform 1 Description: "Transform destination aliases to
URI format"
*c xConfiguration Transform 1 State: Enabled
*c xConfiguration Transform 1 Priority: 1
*c xConfiguration Transform 1 Pattern String: "([^@]*)"
*c xConfiguration Transform 1 Pattern Type: Regex
*c xConfiguration Transform 1 Pattern Behavior: Replace
*c xConfiguration Transform 1 Pattern Replace: "\1@#####.local"
*c xConfiguration Call Loop Detection Mode: On
*c xConfiguration Call Routed Mode: Always
*c xConfiguration Call Services CallsToUnknownIPAddresses: Indirect
*c xConfiguration Call Services Fallback Alias: ""
*c xConfiguration H323 Mode: On
*c xConfiguration H323 Gatekeeper Registration UDP Port: 1719
*c xConfiguration H323 Gatekeeper Registration ConflictMode: Reject
*c xConfiguration H323 Gatekeeper CallSignaling TCP Port: 1720
*c xConfiguration H323 Gatekeeper CallSignaling PortRange Start: 15000
*c xConfiguration H323 Gatekeeper CallSignaling PortRange End: 19999
*c xConfiguration H323 Gatekeeper TimeToLive: 1800
*c xConfiguration H323 Gatekeeper CallTimeToLive: 120
*c xConfiguration H323 Gatekeeper AutoDiscovery Mode: On
*c xConfiguration H323 Gateway CallerId: ExcludePrefix
*c xConfiguration SIP Mode: On
*c xConfiguration SIP Domains Domain 1 Name: "######.com"
*c xConfiguration SIP Domains Domain 2 Name: "######.local"
*c xConfiguration SIP Routes Route 1 Method: "SUBSCRIBE"
*c xConfiguration SIP Routes Route 1 Request Line Pattern: ".*@(%localdomains%|
%ip%)"
*c xConfiguration SIP Routes Route 1 Header Name: "Event"
*c xConfiguration SIP Routes Route 1 Header Pattern: "(ua-profile|phonebook).*"
*c xConfiguration SIP Routes Route 1 Authenticated: Off
*c xConfiguration SIP Routes Route 1 Address: "127.0.0.1"
*c xConfiguration SIP Routes Route 1 Port: 22400
*c xConfiguration SIP Routes Route 1 Transport: TCP
*c xConfiguration SIP Routes Route 1 Tag: "Provisioning"
*c xConfiguration SIP Routes Route 2 Method: "INFO"
*c xConfiguration SIP Routes Route 2 Request Line Pattern: ".*@(%localdomains%|
%ip%)"
*c xConfiguration SIP Routes Route 2 Header Name: "Content-Type"
*c xConfiguration SIP Routes Route 2 Header Pattern: "application/tandberg-
phonebook\+xml"
*c xConfiguration SIP Routes Route 2 Authenticated: Off
*c xConfiguration SIP Routes Route 2 Address: "127.0.0.1"
*c xConfiguration SIP Routes Route 2 Port: 22400
*c xConfiguration SIP Routes Route 2 Transport: TCP
*c xConfiguration SIP Routes Route 2 Tag: "Phonebook"
*c xConfiguration SIP Registration Standard Refresh Strategy: Maximum
*c xConfiguration SIP Registration Standard Refresh Minimum: 45
*c xConfiguration SIP Registration Standard Refresh Maximum: 60
*c xConfiguration SIP Registration Outbound Refresh Strategy: Variable
*c xConfiguration SIP Registration Outbound Refresh Minimum: 300
```

```
*c xConfiguration SIP Registration Outbound Refresh Maximum: 3600
*c xConfiguration SIP Registration Outbound Flow Timer: 0
*c xConfiguration SIP Registration Proxy Mode: Off
*c xConfiguration SIP Registration Call Remove: No
*c xConfiguration SIP Session Refresh Value: 1800
*c xConfiguration SIP Session Refresh Minimum: 500
*c xConfiguration SIP UDP Mode: Off
*c xConfiguration SIP UDP Port: 5060
*c xConfiguration SIP TCP Mode: On
*c xConfiguration SIP TCP Port: 5060
*c xConfiguration SIP TCP Outbound Port Start: 25000
*c xConfiguration SIP TCP Outbound Port End: 29999
*c xConfiguration SIP TLS Mode: On
*c xConfiguration SIP TLS Port: 5061
*c xConfiguration SIP TLS Certificate Revocation Checking Mode: Off
*c xConfiguration SIP TLS Certificate Revocation Checking OCSP Mode: On
*c xConfiguration SIP TLS Certificate Revocation Checking CRL Mode: On
*c xConfiguration SIP TLS Certificate Revocation Checking CRL Network Fetch
Mode: On
*c xConfiguration SIP TLS Certificate Revocation Checking Source Inaccessibility
Behavior: Fail
*c xConfiguration SIP Require UDP BFCP Mode: On
*c xConfiguration SIP Require Duo Video Mode: On
*c xConfiguration SIP Authentication Retry Limit: 3
*c xConfiguration SIP Authentication NTLM Mode: Auto
*c xConfiguration SIP Authentication NTLM SA Lifetime: 28800
*c xConfiguration SIP Authentication NTLM SA Limit: 10000
*c xConfiguration SIP Authentication Digest Nonce ExpireDelta: 300
*c xConfiguration SIP Authentication Digest Nonce Maximum Use Count: 128
*c xConfiguration SIP Authentication Digest Nonce Limit: 10000
*c xConfiguration SIP Authentication Digest Nonce Length: 60
*c xConfiguration SIP GRUU Mode: On
*c xConfiguration SIP MediaRouting ICE Mode: Off
*c xConfiguration Interworking Mode: RegisteredOnly
*c xConfiguration Interworking Encryption Mode: Auto
*c xConfiguration Interworking Encryption Replay Protection Mode: Off
*c xConfiguration Interworking BFCP Compatibility Mode: Auto
*c xConfiguration Interworking Require Invite Header Mode: On
*c xConfiguration Traversal Media Port Start: 50000
*c xConfiguration Traversal Media Port End: 52399
*c xConfiguration Authentication UserName: ""
*c xConfiguration Authentication Password: "{cipher}XXXXXXXXXXXXXXXXXXXXXX"
*c xConfiguration Authentication LDAP AliasOrigin: LDAP
*c xConfiguration Authentication ADS ADDomain: ""
*c xConfiguration Authentication ADS Workgroup: ""
*c xConfiguration Authentication ADS MachinePassword Refresh: On
*c xConfiguration Authentication ADS SPNEGO: Enabled
*c xConfiguration Authentication ADS SecureChannel: Auto
*c xConfiguration Authentication ADS Encryption: TLS
*c xConfiguration Authentication ADS Mode: Off
*c xConfiguration Authentication ADS Clockskew: 300
*c xConfiguration Zones Policy Mode: SearchRules
*c xConfiguration Zones Policy SearchRules Rule 1 Name: "Local zone ? no domain"
*c xConfiguration Zones Policy SearchRules Rule 1 Description: "Search local
zone for H.323 devices (strip domain)"
*c xConfiguration Zones Policy SearchRules Rule 1 Priority: 48
*c xConfiguration Zones Policy SearchRules Rule 1 Protocol: Any
*c xConfiguration Zones Policy SearchRules Rule 1 Source Mode: Any
*c xConfiguration Zones Policy SearchRules Rule 1 Authentication: No
*c xConfiguration Zones Policy SearchRules Rule 1 Mode: AliasPatternMatch
*c xConfiguration Zones Policy SearchRules Rule 1 Pattern Type: Regex
*c xConfiguration Zones Policy SearchRules Rule 1 Pattern String: "(.+)
@######.local.*"
*c xConfiguration Zones Policy SearchRules Rule 1 Pattern Behavior: Replace
```

```
*c xConfiguration Zones Policy SearchRules Rule 1 Pattern Replace: "\1"
*c xConfiguration Zones Policy SearchRules Rule 1 Progress: Continue
*c xConfiguration Zones Policy SearchRules Rule 1 Target Type: Zone
*c xConfiguration Zones Policy SearchRules Rule 1 Target Name: "LocalZone"
*c xConfiguration Zones Policy SearchRules Rule 1 State: Enabled
*c xConfiguration Zones Policy SearchRules Rule 2 Name: "Local zone ? full URI"
*c xConfiguration Zones Policy SearchRules Rule 2 Description: "Search local
zone for SIP and H.323 devices with a domain"
*c xConfiguration Zones Policy SearchRules Rule 2 Priority: 51
*c xConfiguration Zones Policy SearchRules Rule 2 Protocol: Any
*c xConfiguration Zones Policy SearchRules Rule 2 Source Mode: Any
*c xConfiguration Zones Policy SearchRules Rule 2 Authentication: No
*c xConfiguration Zones Policy SearchRules Rule 2 Mode: AliasPatternMatch
*c xConfiguration Zones Policy SearchRules Rule 2 Pattern Type: Regex
*c xConfiguration Zones Policy SearchRules Rule 2 Pattern String: "(.+)
@######.local.*"
*c xConfiguration Zones Policy SearchRules Rule 2 Pattern Behavior: Leave
*c xConfiguration Zones Policy SearchRules Rule 2 Pattern Replace: ""
*c xConfiguration Zones Policy SearchRules Rule 2 Progress: Continue
*c xConfiguration Zones Policy SearchRules Rule 2 Target Type: Zone
*c xConfiguration Zones Policy SearchRules Rule 2 Target Name: "LocalZone"
*c xConfiguration Zones Policy SearchRules Rule 2 State: Enabled
*c xConfiguration Zones Policy SearchRules Rule 3 Name: "Traversal zone search rule"
*c xConfiguration Zones Policy SearchRules Rule 3 Description: "Search traversal
zone (Cisco VCS Expressway)"
*c xConfiguration Zones Policy SearchRules Rule 3 Priority: 100
*c xConfiguration Zones Policy SearchRules Rule 3 Protocol: Any
*c xConfiguration Zones Policy SearchRules Rule 3 Source Mode: Any
*c xConfiguration Zones Policy SearchRules Rule 3 Authentication: No
*c xConfiguration Zones Policy SearchRules Rule 3 Mode: AnyAlias
*c xConfiguration Zones Policy SearchRules Rule 3 Progress: Continue
*c xConfiguration Zones Policy SearchRules Rule 3 Target Type: Zone
*c xConfiguration Zones Policy SearchRules Rule 3 Target Name: "TraversalZone"
*c xConfiguration Zones Policy SearchRules Rule 3 State: Enabled
*c xConfiguration Zones Policy SearchRules Rule 4 Name: "External IP address
search rule"
*c xConfiguration Zones Policy SearchRules Rule 4 Description: "Route external
IP address"
*c xConfiguration Zones Policy SearchRules Rule 4 Priority: 100
*c xConfiguration Zones Policy SearchRules Rule 4 Protocol: Any
*c xConfiguration Zones Policy SearchRules Rule 4 Source Mode: Any
*c xConfiguration Zones Policy SearchRules Rule 4 Authentication: No
*c xConfiguration Zones Policy SearchRules Rule 4 Mode: AnyIPAddress
*c xConfiguration Zones Policy SearchRules Rule 4 Progress: Continue
*c xConfiguration Zones Policy SearchRules Rule 4 Target Type: Zone
*c xConfiguration Zones Policy SearchRules Rule 4 Target Name: "TraversalZone"
*c xConfiguration Zones Policy SearchRules Rule 4 State: Enabled
*c xConfiguration Zones Policy SearchRules Rule 5 Name: "LocalZoneMatch"
*c xConfiguration Zones Policy SearchRules Rule 5 Description: "Default rule:
queries the Local Zone for any alias"
*c xConfiguration Zones Policy SearchRules Rule 5 Priority: 50
*c xConfiguration Zones Policy SearchRules Rule 5 Protocol: Any
*c xConfiguration Zones Policy SearchRules Rule 5 Source Mode: Any
*c xConfiguration Zones Policy SearchRules Rule 5 Authentication: No
*c xConfiguration Zones Policy SearchRules Rule 5 Mode: AnyAlias
*c xConfiguration Zones Policy SearchRules Rule 5 Progress: Continue
*c xConfiguration Zones Policy SearchRules Rule 5 Target Type: Zone
*c xConfiguration Zones Policy SearchRules Rule 5 Target Name: "LocalZone"
*c xConfiguration Zones Policy SearchRules Rule 5 State: Enabled
*c xConfiguration Zones DefaultZone Authentication Mode: DoNotCheckCredentials
*c xConfiguration Zones DefaultZone SIP Record Route Address Type: IP
*c xConfiguration Zones DefaultZone SIP TLS Verify Mode: Off
*c xConfiguration Zones DefaultZone SIP Media Encryption Mode: Auto
*c xConfiguration Zones LocalZone DefaultSubZone SIP Media Encryption Mode: Auto
```

```
*c xConfiguration Zones LocalZone DefaultSubZone Authentication Mode:
DoNotCheckCredentials
*c xConfiguration Zones LocalZone DefaultSubZone Registrations: Allow
*c xConfiguration Zones LocalZone DefaultSubZone Bandwidth Total Mode: Unlimited
*c xConfiguration Zones LocalZone DefaultSubZone Bandwidth PerCall Inter Mode:
Unlimited
*c xConfiguration Zones LocalZone DefaultSubZone Bandwidth PerCall Intra Mode:
Unlimited
*c xConfiguration Zones LocalZone TraversalSubZone Bandwidth Total Mode: Unlimited
*c xConfiguration Zones LocalZone TraversalSubZone Bandwidth PerCall Mode:
Unlimited
*c xConfiguration Zones LocalZone SIP Record Route Address Type: IP
*c xConfiguration Zones Zone 1 Name: "TraversalZone"
*c xConfiguration Zones Zone 1 HopCount: 15
*c xConfiguration Zones Zone 1 H323 Mode: On
*c xConfiguration Zones Zone 1 SIP Mode: On
*c xConfiguration Zones Zone 1 Type: TraversalClient
*c xConfiguration Zones Zone 1 TraversalClient Authentication Mode: DoNot
CheckCredentials
*c xConfiguration Zones Zone 1 TraversalClient Authentication UserName:
"######auth"
*c xConfiguration Zones Zone 1 TraversalClient Authentication Password:
"{cipher}XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
*c xConfiguration Zones Zone 1 TraversalClient Registrations: Allow
*c xConfiguration Zones Zone 1 TraversalClient H323 Protocol: Assent
*c xConfiguration Zones Zone 1 TraversalClient H323 Port: 6001
*c xConfiguration Zones Zone 1 TraversalClient SIP Protocol: Assent
*c xConfiguration Zones Zone 1 TraversalClient SIP Port: 7001
*c xConfiguration Zones Zone 1 TraversalClient SIP Transport: TLS
*c xConfiguration Zones Zone 1 TraversalClient SIP TLS Verify Mode: Off
*c xConfiguration Zones Zone 1 TraversalClient SIP Poison Mode: Off
*c xConfiguration Zones Zone 1 TraversalClient SIP Media Encryption Mode: Auto
*c xConfiguration Zones Zone 1 TraversalClient RetryInterval: 120
*c xConfiguration Zones Zone 1 TraversalClient Peer 1 Address: "10.10.10.102"
*c xConfiguration Zones Zone 1 TraversalClient Peer 2 Address: ""
*c xConfiguration Zones Zone 1 TraversalClient Peer 3 Address: ""
*c xConfiguration Zones Zone 1 TraversalClient Peer 4 Address: ""
*c xConfiguration Zones Zone 1 TraversalClient Peer 5 Address: ""
*c xConfiguration Zones Zone 1 TraversalClient Peer 6 Address: ""
*c xConfiguration Bandwidth Default: 384
*c xConfiguration Bandwidth Downspeed PerCall Mode: On
*c xConfiguration Bandwidth Downspeed Total Mode: On
*c xConfiguration Bandwidth Link 1 Name: "DefaultSZtoTraversalSZ"
*c xConfiguration Bandwidth Link 1 Node1 Name: "DefaultSubZone"
*c xConfiguration Bandwidth Link 1 Node2 Name: "TraversalSubZone"
*c xConfiguration Bandwidth Link 1 Pipe1 Name: ""
*c xConfiguration Bandwidth Link 1 Pipe2 Name: ""
*c xConfiguration Bandwidth Link 2 Name: "DefaultSZtoDefaultZ"
*c xConfiguration Bandwidth Link 2 Node1 Name: "DefaultSubZone"
*c xConfiguration Bandwidth Link 2 Node2 Name: "DefaultZone"
*c xConfiguration Bandwidth Link 2 Pipe1 Name: ""
*c xConfiguration Bandwidth Link 2 Pipe2 Name: ""
*c xConfiguration Bandwidth Link 3 Name: "DefaultSZtoClusterSZ"
*c xConfiguration Bandwidth Link 3 Node1 Name: "DefaultSubZone"
*c xConfiguration Bandwidth Link 3 Node2 Name: "ClusterSubZone"
*c xConfiguration Bandwidth Link 3 Pipe1 Name: ""
*c xConfiguration Bandwidth Link 3 Pipe2 Name: ""
*c xConfiguration Bandwidth Link 4 Name: "TraversalSZtoDefaultZ"
*c xConfiguration Bandwidth Link 4 Node1 Name: "TraversalSubZone"
*c xConfiguration Bandwidth Link 4 Node2 Name: "DefaultZone"
*c xConfiguration Bandwidth Link 4 Pipe1 Name: ""
*c xConfiguration Bandwidth Link 4 Pipe2 Name: ""
*c xConfiguration Bandwidth Link 5 Name: "Zone001ToTraversalSZ"
*c xConfiguration Bandwidth Link 5 Node1 Name: "TraversalZone"
```

```
*c xConfiguration Bandwidth Link 5 Node2 Name: "TraversalSubZone"
*c xConfiguration Bandwidth Link 5 Pipe1 Name: ""
*c xConfiguration Bandwidth Link 5 Pipe2 Name: ""
*c xConfiguration Policy AdministratorPolicy Mode: Off
*c xConfiguration Policy AdministratorPolicy Service Protocol: HTTP
*c xConfiguration Policy AdministratorPolicy Service TLS Verify Mode: On
*c xConfiguration Policy AdministratorPolicy Service TLS CRLCheck Mode: Off
*c xConfiguration Policy AdministratorPolicy Service Server 1 Address: ""
*c xConfiguration Policy AdministratorPolicy Service Server 2 Address: ""
*c xConfiguration Policy AdministratorPolicy Service Server 3 Address: ""
*c xConfiguration Policy AdministratorPolicy Service Path: ""
*c xConfiguration Policy AdministratorPolicy Service Status Path: "status"
*c xConfiguration Policy AdministratorPolicy Service UserName: ""
*c xConfiguration Policy AdministratorPolicy Service Password: "{cipher}
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
*c xConfiguration Policy AdministratorPolicy Service DefaultCPL: "<reject
status='504' reason='Admin Policy Unavailable'/>"
*c xConfiguration Policy FindMe Mode: Off
*c xConfiguration Policy FindMe CallerId: IncomingID
*c xConfiguration Policy FindMe UserDeviceRestriction: Off
*c xConfiguration Applications ConferenceFactory Mode: Off
*c xConfiguration Applications ConferenceFactory Alias: ""
*c xConfiguration Applications ConferenceFactory Template: ""
*c xConfiguration Applications ConferenceFactory Range Start: 1
*c xConfiguration Applications ConferenceFactory Range End: 65535
*c xConfiguration Applications OCS Relay Mode: Off
*c xConfiguration Applications OCS Relay OCS Domain: ""
*c xConfiguration Applications OCS Relay OCS Routing Prefix: "ocs"
*c xConfiguration Applications Presence Server Mode: Off
*c xConfiguration Applications Presence Server Publication ExpireDelta: 1800
*c xConfiguration Applications Presence Server Subscription ExpireDelta: 3600
*c xConfiguration Applications Presence User Agent Mode: Off
*c xConfiguration Applications Presence User Agent ExpireDelta: 3600
*c xConfiguration Applications Presence User Agent RetryDelta: 1800
*c xConfiguration Applications Presence User Agent Presentity Idle Status: Online
*c xConfiguration ResourceUsage Warning Activation Level: 90
*c xConfiguration Services AdvancedMediaGateway Zone Name: ""
*c xConfiguration Services AdvancedMediaGateway Policy Mode: Off

OK
exit
Bye!
```

Problemen oplossen

Dit zijn de drie meest voorkomende problemen die u kunt tegenkomen:

- **Er wordt een incorrecte of gebrekkige seriekabel gebruikt**. Zorg ervoor dat u de kabel gebruikt die bij uw apparaat kwam.
- **Niet-herkenbare tekens worden op het console-scherm weergegeven**. Dit geeft aan dat de basissnelheid niet correct is ingesteld. De basissnelheden zijn gebaseerd op meerdere van twee, zodat u de waarde naar wens kunt verdubbelen of halveren tot u de juiste instelling hebt gevonden. In dit geval moet de juiste instelling **115.200** zijn.
- **U kunt geen verbinding maken met de terminale emulatiesoftware**. Naast het bekabelen van problemen, wordt dit probleem gewoonlijk veroorzaakt door een van deze kwesties:

U probeert via telnet of SSH verbinding te maken en moet uw verbindingstype in seriële indeling wijzigen wanneer u een seriële verbinding gebruikt.

U bevindt zich op de verkeerde COM-poort. Om de COM-poort te ontdekken die uw PC met USB-gebaseerde seriële verbindingen gebruikt, navigeer naar **Configuratiescherm > apparaatbeheer** en klik op **poorten**. Vanuit dit venster kunt u de COM-poort controleren die is toegewezen aan uw USB-serienummer.

De stuurprogramma's voor uw serienummer zijn niet geïnstalleerd. Als dit probleem zich voordoet, dient u de betreffende knoppen te vinden en te installeren.

- **U kunt geen SSH in het apparaat gebruiken**. Naast het bekabelen van problemen, wordt dit probleem gewoonlijk veroorzaakt door een van deze kwesties:

  U probeert via SSH verbinding te maken en kunt het apparaat niet bereiken door problemen met de netwerkconnectiviteit. Corrigeer het probleem met de netwerkconnectiviteit. Aan de andere kant is SSH mogelijk niet ingeschakeld voor het apparaat. Web/HTTP/HTTPS naar het apparaat en om ervoor te zorgen dat SSH-toegang is ingeschakeld onder: **Configuration>SystemConfiguration>Network Services**.

  U hebt geen Rivest-Shamir-Adleman (RSA) toets die vanaf het apparaat is gecached. Meestal wordt u gevraagd de RSA-toets te aanvaarden. Vergeet niet de toets te aanvaarden.

  Uw inlognaam is niet juist vanwege een incorrecte naam en wachtwoord. Zorg ervoor dat u de juiste gebruikersnaam en het juiste wachtwoord voor het apparaat gebruikt.