

# implementatiegids voor HyperFlex Stretch clusters

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## Inleiding

Een Hyperflex gestretched cluster is één cluster met geografisch gedistribueerde knooppunten. Beide zijden van de cluster fungeren als primaire schakel voor bepaalde VM's van gebruikers. De gegevens voor deze VM's worden tegelijkertijd op de andere site herhaald. Stretched clusters stellen je in staat om toegang te krijgen tot het hele cluster, zelfs als één van de sites volledig naar beneden zou gaan. Meestal zijn deze sites verbonden met een link met een lage latentie, een speciale hoge snelheid.

HyperFlex Stretched Cluster stelt u in staat om een actieve oplossing voor rampenvermijding te implementeren voor bedrijfskritieke werklasten die een hoge uptime (bijna nulhersteltijd doelstelling) vereisen en geen gegevensverlies (doelstelling nul herstelpunt).

## Voorwaarden

### Vereisten

- Alle knooppunten in het cluster moeten dezelfde M5-modellen (All HX220 M5) of (HX 240 M5) hebben
- Alleen M5-knooppunt wordt ondersteund in subclusters
- Stretch-clusters worden alleen ondersteund op ESXi HX-platforms
- Elke site moet minimaal 2 knooppunten hebben
- ALLE VLAN's die op beide clusters worden gebruikt, moeten SAME zijn
- Stretch-clusterconfiguratie vereist een getuige VM
- Stretch-clusters hebben hetzelfde aantal IP-adressen nodig dat nodig is voor een cluster met

- zes knooppunten
- Slechts één exemplaar van vCenter wordt gebruikt voor een stretch cluster
- vCenter met DRS en HA is vereist om het stretch cluster goed te laten werken

## Gebruikte componenten

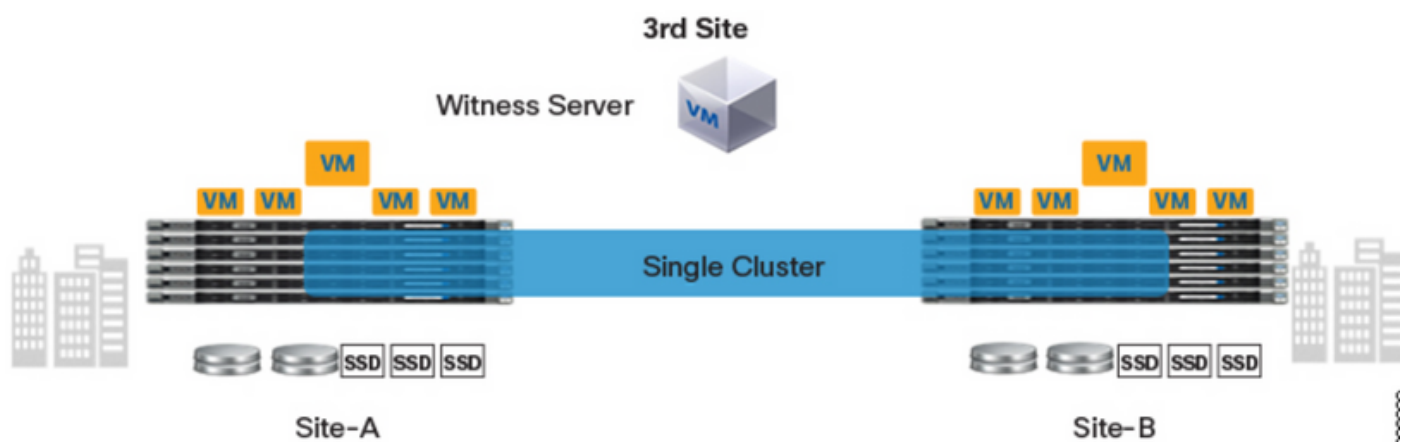
- HX-installatieprogramma
- Cisco HX M5-servers
- VMWare vCenter
- Cisco UCS
- VMWare ESXi

## Overige vereisten

- [controlelijst voor installatie](#)
- [Witness implementeren](#)
- [Wachtwoord voor getuigen wijzigen](#)

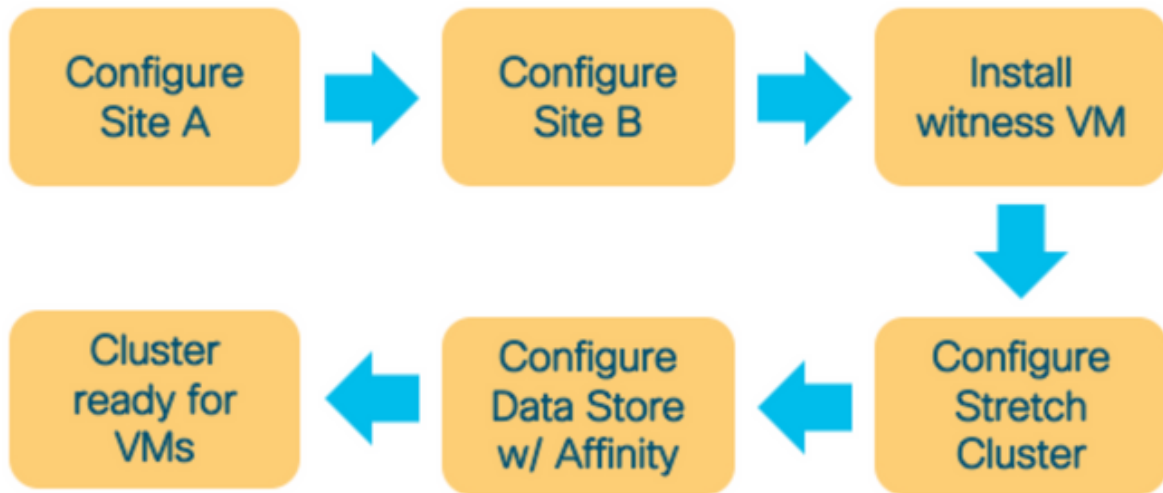
## Configureren

### Netwerkdigram



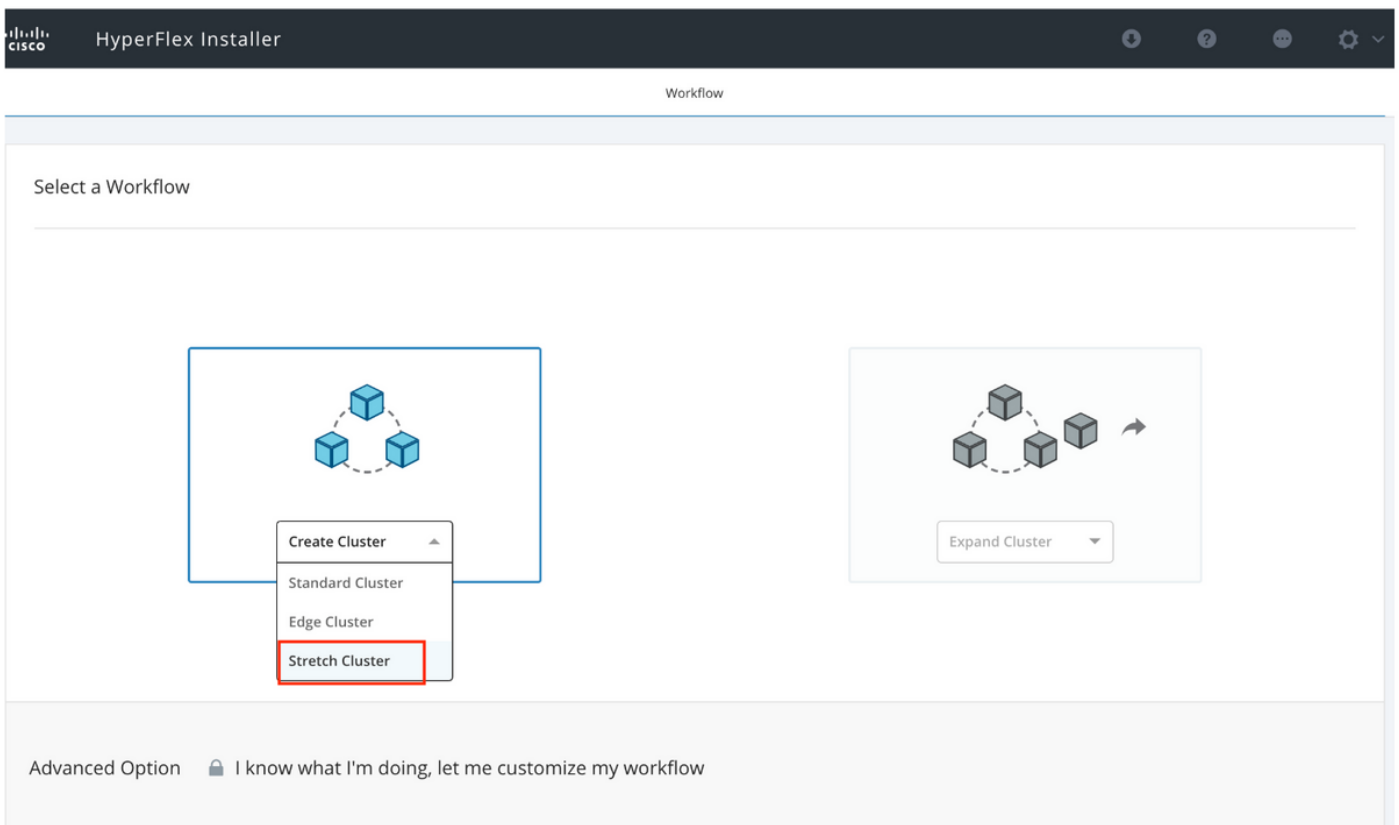
## Configuraties

Alle configuratie voor een stretch cluster wordt uitgevoerd vanaf één HX-installateur. De werkstroom voor stretch cluster installeert stappen zoals hieronder wordt getoond:



## Site A configureren

**Stap 1.** Meld u aan bij het toegewezen HX-installatieprogramma om de clusterconfiguratie te starten. Als het installatieprogramma de vorige installatiestatus nog te zien is klik op het wiel in de balk boven en selecteer Start Over om opnieuw te installeren. In **Selecteer een werkstroom** —> **Cluster maken** —>(selecteer) **Stretch Cluster**.



**Stap 2.** In de configuratie van de site dient u de **UCSM-referenties** en **DC** in de **Site-naam** in. Klik vervolgens op **Doorgaan**.

HyperFlex Installer

Credentials      Server Selection      UCSM Configuration      Hypervisor Configuration

To setup stretch cluster you have to

- Run the "Configure Site" workflow once for each site.
- Download and deploy the Witness VM, per the user documentation. Provide the IP address of the Witness VM when you create the stretch cluster.
- Run the "Create Stretch Cluster" workflow, after both sites have been configured.

Configure Site       Create Stretch Cluster

UCS Manager Credentials for this site

UCS Manager Host Name:

UCS Manager User Name:

Password:

UCS Manager FQDN or IP address  
Site Name:

Configuration

Drag and drop configuration files here or

**Stap 3.** Selecteer de bronserveren in de serverselectie en klik op **Doorgaan**

HyperFlex Installer

Credentials      Server Selection      UCSM Configuration      Hypervisor Configuration

Server Selection

Select Nodes for this site.

Unassociated (3)      Associated (6)

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Server Name	Status	Model	Serial	Actions
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Server 7	unassociated	HX220C-M5SX	[redacted]	none
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Server 8	unassociated	HX220C-M5SX	[redacted]	none
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Server 9	unassociated	HX220C-M5SX	[redacted]	none

Configure Server Ports

Configuration

Credentials

UCS Manager Host Name:

UCS Manager User Name:

Site Name:

**Stap 4.** Onder het gedeelte **UCSM-configuratie** moet u de **VLAN-ID-** en **VLAN-namen** invoeren. In

dit geval hebben we **Inband** gebruikt voor CIMC. Klik op **Doorgaan**

The screenshot displays the 'HyperFlex Installer' interface, specifically the 'UCSM Configuration' step. The main configuration area is divided into several sections:

- VLAN Configuration:** Includes fields for 'VLAN for Hypervisor and HyperFlex management' (VLAN Name: hx-inband-mgmt-Pod-6, VLAN ID: 222), 'VLAN for HyperFlex storage traffic' (VLAN Name: hx-storage-data-Pod-6, VLAN ID: 3099), 'VLAN for VM vMotion' (VLAN Name: hx-vmotion-Pod-6, VLAN ID: 3093), and 'VLAN for VM Network' (VLAN Name: vm-network-Pod-6, VLAN ID(s): 3094).
- MAC Pool:** MAC Pool Prefix: 00:25:85:06.
- 'hx' IP Pool for Cisco IMC:** IP Blocks, Subnet Mask (255.255.254.0), and Gateway.
- Cisco IMC access management (Out of band or Inband):** The 'In band' radio button is selected.
- VLAN for inband Cisco IMC connectivity:** VLAN Name: hx-inband-cimc-Pod-6, VLAN ID: 222.
- Advanced:** UCS Server Firmware Version (3.2(3)), HyperFlex Cluster Name (dm-j-hx-clus-6), and Org Name (HX-POD-6).

The right-hand sidebar, titled 'Configuration', provides a summary of the settings:

- Credentials:** UCS Manager Host Name (dm-j-fi-2.cisco.com), UCS Manager User Name (admin), Site Name (DC1), Admin User name (root).
- Server Selection:** Server 8, 9, and 7, all of type HX220C-M55X.
- UCSM Configuration:** Lists the configured VLANs, MAC Pool Prefix, IP Blocks, Subnet Mask, Gateway, and other advanced settings.

Navigation buttons 'Back' and 'Continue' are visible at the bottom of the sidebar.

**Stap 5.** In het gedeelte **Hypersupervisor Configuration** verstrekt u alle gevraagde informatie. Klik vervolgens op **Configure Site** om de configuratie van de site te starten.

HyperFlex Installer

Credentials    Server Selection    **UCSM Configuration**    Hypervisor Configuration

### VLAN Configuration

**VLAN for Hypervisor and HyperFlex management**

VLAN Name:     VLAN ID:

**VLAN for HyperFlex storage traffic**

VLAN Name:     VLAN ID:

**VLAN for VM vMotion**

VLAN Name:     VLAN ID:

**VLAN for VM Network**

VLAN Name:     VLAN ID(s):

---

### MAC Pool

MAC Pool Prefix:

---

### 'hx' IP Pool for Cisco IMC

IP Blocks:     Subnet Mask:     Gateway:

---

### Cisco IMC access management (Out of band or Inband)

Out of band     In band

---

### VLAN for inband Cisco IMC connectivity

VLAN Name:     VLAN ID:

---

### > iSCSI Storage

---

### > FC Storage

---

### Advanced

UCS Server Firmware Version:     HyperFlex Cluster Name:     Org Name:

### Configuration

**Credentials**

UCS Manager Host Name:

UCS Manager User Name:

Site Name:

Admin User name:

**Server Selection**

Server 8:  / HX220C-M55X

Server 9:  / HX220C-M55X

Server 7:  / HX220C-M55X

**UCSM Configuration**

VLAN Name:

VLAN ID:

VLAN Name:

VLAN ID:

VLAN Name:

VLAN ID:

VLAN Name:

VLAN ID(s):

MAC Pool Prefix:

IP Blocks:

Subnet Mask:

Gateway:

VLAN Name:

VLAN ID:

UCS Server Firmware Version:

HyperFlex Cluster Name:

Org Name:

iSCSI Storage:

VLAN A Name:

VLAN B Name:

FC Storage:

WWN Pool:

VSAN A Name:

VSAN B Name:

Stap 6. Controleer of de Site A Hypervisors Configuration geslaagd is.

Start    Config Installer    Validations    UCSM Configuration    Hypervisor Configuration

✓ Hypervisor Configuration Successful

Hypervisor Configuration - Overall **Succeeded**

- ✓ Login to UCS API
- ✓ Configuring static ip on the specified ESXi servers
- ✓ Configuring static ip on a ESXi server
- ✓ Login to ESXi through SoL with user specified username and password
- ✓ Logout from UCS API
- ✓ CONFIGURATION COMPLETED SUCCESSFULLY

## Site B configureren

**Stap 1.** Klik op het **wiel** en selecteer **Site** configureren om de **Site B** configuratie te starten zoals hieronder wordt getoond.

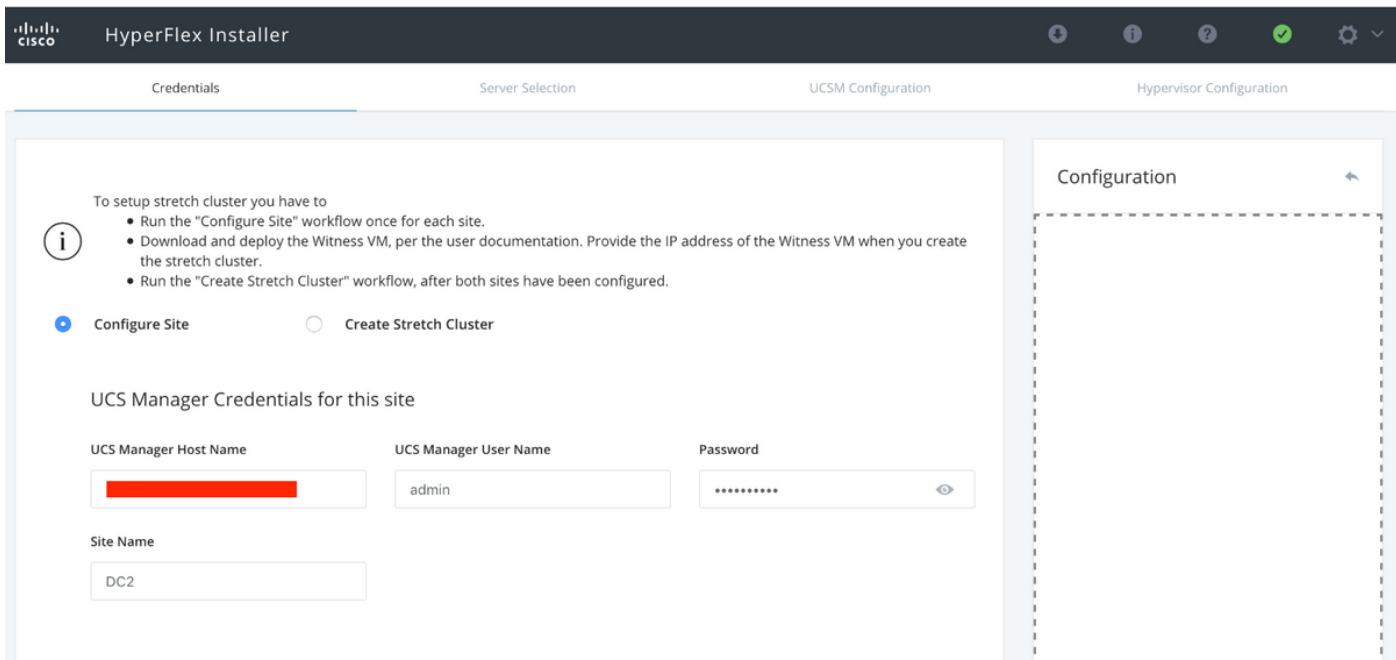
Start    Config Installer    Validations    UCSM Configuration    Hypervisor Configuration

Configuration

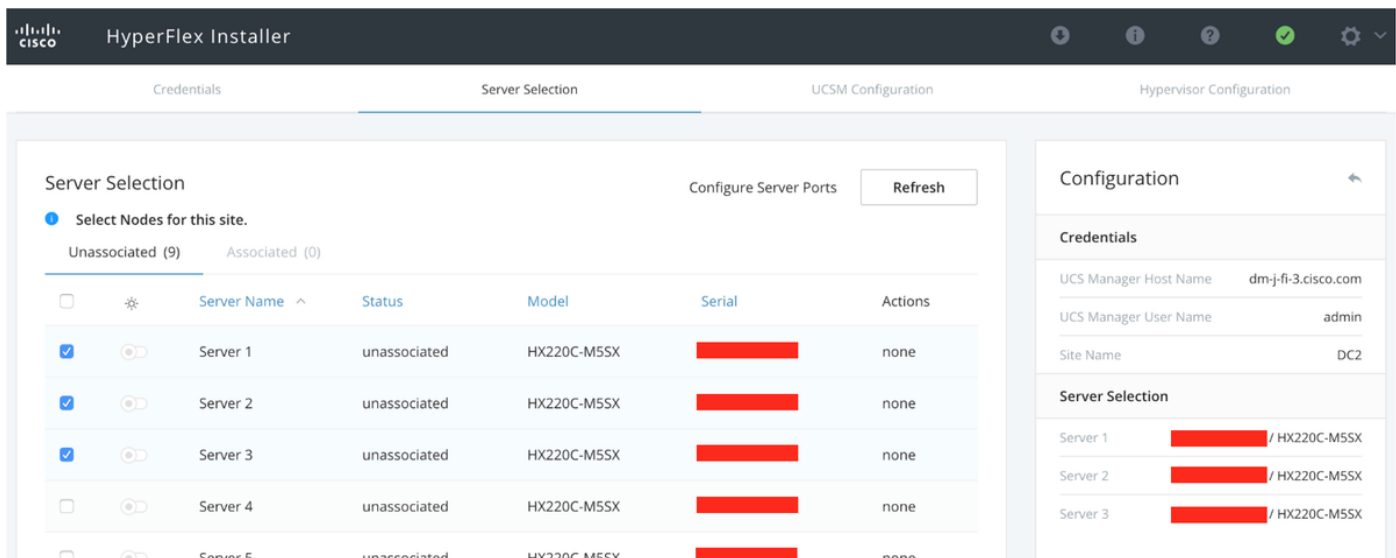
- Configure Site
- Create Stretch Cluster
- Log Out (root)

Credentials

**Stap 2.** In de werkstroomgegevens van de **Configure Site** dient u de **UCSM**-referenties en Target DC in de Site Name in te voeren. Klik vervolgens op **Doorgaan**.



**Stap 3.** Selecteer de bronserveren in de serverselectie en klik op **Doorgaan**



**Stap 4.** Onder het gedeelte **UCSM-configuratie** moet u de **VLAN-ID**- en **VLAN-namen** invoeren. In dit geval hebben we **Inband** gebruikt voor CIMC. Klik op **Doorgaan**



HyperFlex Installer

Credentials    Server Selection    **UCSM Configuration**    Hypervisor Configuration

### VLAN Configuration

**VLAN for Hypervisor and HyperFlex management**

VLAN Name:     VLAN ID:

**VLAN for HyperFlex storage traffic**

VLAN Name:     VLAN ID:

**VLAN for VM vMotion**

VLAN Name:     VLAN ID:

**VLAN for VM Network**

VLAN Name:     VLAN ID(s):

---

### MAC Pool

MAC Pool Prefix:

---

### 'hx' IP Pool for Cisco IMC

IP Blocks:     Subnet Mask:     Gateway:

---

Cisco IMC access management (Out of band or Inband)

Out of band     In band

---

### VLAN for inband Cisco IMC connectivity

VLAN Name:     VLAN ID:

---

> iSCSI Storage

> FC Storage

---

### Advanced

UCS Server Firmware Version:     HyperFlex Cluster Name:     Org Name:

---

### Configuration

**Credentials**

UCS Manager Host Name:

UCS Manager User Name:

Site Name:

**Server Selection**

Server 1:  / HX220C-M55X

Server 2:  / HX220C-M55X

Server 3:  / HX220C-M55X

**Stap 5.** In het gedeelte **Hypersupervisor Configuration** verstrekt u alle gevraagde informatie. Klik vervolgens op **Configure Site** om de configuratie van de site te starten.

HyperFlex Installer

Credentials      Server Selection      UCSM Configuration      Hypervisor Configuration

### Configure common Hypervisor Settings

Subnet Mask: 255.255.254.0      Gateway: [REDACTED]      DNS Server(s): [REDACTED]

### Hypervisor Settings

Make IP Addresses and Hostnames Sequential

#	Name	Serial	Static IP Address	Hostname
1	Server 1	[REDACTED]	[REDACTED]	dm-j-hx-21
2	Server 2	[REDACTED]	[REDACTED]	dm-j-hx-22
3	Server 3	[REDACTED]	[REDACTED]	dm-j-hx-23

### Hypervisor Credentials

Admin User name: root      Hypervisor Password: [REDACTED]

### Configuration

**Credentials**

- UCS Manager Host Name: [REDACTED]
- UCS Manager User Name: admin
- Site Name: DC2
- Admin User name: root

**Server Selection**

- Server 1: [REDACTED] / HX220C-M5SX
- Server 2: [REDACTED] / HX220C-M5SX
- Server 3: [REDACTED] / HX220C-M5SX

**UCSM Configuration**

- VLAN Name: hx-inband-mgmt, VLAN ID: 222
- VLAN Name: hx-storage-data, VLAN ID: 3099
- VLAN Name: hx-vmotion, VLAN ID: 3093
- VLAN Name: vm-network, VLAN ID(s): 3094
- MAC Pool Prefix: 00:25:B5:07
- IP Blocks: [REDACTED]
- Subnet Mask: 255.255.254.0
- Gateway: [REDACTED]
- VLAN Name: hx-inband-cimc-Pod-7, VLAN ID: 222
- UCS Server Firmware Version: 3.2(3h)

[← Back](#)      [Configure Site](#)

Stap 6. Controleer of de Site B Hypervisors Configuration geslaagd is.

The screenshot shows the HyperFlex Installer progress bar with five steps: Start, Config Installer, Validations, UCSM Configuration, and Hypervisor Configuration. The Hypervisor Configuration step is highlighted with a red box and a green checkmark, indicating it is successful. Below the progress bar, a red-bordered box contains the text "Hypervisor Configuration Successful".

**Hypervisor Configuration - Overall**  
Succeeded

- ✓ Login to UCS API
- ✓ Configuring static ip on the specified ESXi servers
- ✓ Configuring static ip on a ESXi server
- ✓ Login to ESXi through SoL with user specified username and password
- ✓ Logout from UCS API
- ✓ CONFIGURATION COMPLETED SUCCESSFULLY

## VM-implementatie voor HX-getuige

- Dit is een **belangrijke** stap voordat we verder gaan. De HX-getuige VM moet operationeel en bereikbaar zijn voor de installatie.
- Een OVA-beeld dient op een ESXi-host te worden geplaatst.
- Controleer de connectiviteit van deze VM en zorg ervoor dat de aanmelding werkt.
- Raadpleeg het onderstaande voor OVA-installatieeigenschappen.

Deploy OVF Template

1 Select template  
 2 Select name and location  
 3 Select a resource  
 4 Review details  
 5 Select storage  
 6 Select networks  
**7 Customize template**  
 8 Ready to complete

**Customize template**  
 Customize the deployment properties of this software solution.

All properties have valid values [Show next...](#) [Collapse all...](#)

Networking Properties	5 settings
DNS	The domain name servers for this VM (comma separated). Leave blank if DHCP is desired. <input type="text"/>
Default Gateway	The default gateway address for this VM. Leave blank if DHCP is desired. <input type="text"/>
NTP	NTP servers for this VM (comma separated) to sync time. <input type="text"/>
Network 1 IP Address	The IP address for this interface. Leave blank if DHCP is desired. <input type="text"/>
Network 1 Netmask	The netmask or prefix for this interface. Leave blank if DHCP is desired. <input type="text" value="255.255.254.0"/>

Back Next Finish Cancel

## Stretch Cluster maken

### Stap 1.

- Om te beginnen het stretch cluster te configureren navigeer naar het **stuur** op de installateur en **selecteer Stretch Cluster** maken om de stretch clusterconfiguratie te starten.
- In het aanmeldingsscherm bieden de **bron (Site A)** en **Target (Site B)** UCSM en de **Sitemaam, UCSM Org naam, vCenter en Hypervisors referenties**. Klik op **Doorgaan** om naar het scherm voor serverselectie te gaan.

**HyperFlex Installer**

Credentials      Server Selection      IP Addresses      Cluster Configuration

**Configuration**

To setup stretch cluster you have to

- Run the "Configure Site" workflow once for each site.
- Download and deploy the Witness VM, per the user documentation. Provide the IP address of the Witness VM when you create the stretch cluster.
- Run the "Create Stretch Cluster" workflow, after both sites have been configured.

Configure Site       Create Stretch Cluster

**UCS Manager Credentials for Site 1**

UCS Manager Host Name: [REDACTED]      User Name: admin      Password: [REDACTED]

Site Name: DC1      Org Name: HX-POD-6

**UCS Manager Credentials for Site 2**

UCS Manager Host Name: [REDACTED]      User Name: admin      Password: [REDACTED]

Site Name: DC2      Org Name: HX-POD-7

**vCenter Credentials**

vCenter Server: [REDACTED]      User Name: administrator@vsphere.local      Admin Password: [REDACTED]

**Hypervisor Credentials**

Admin User name: root

The hypervisor on this node uses the factory default password

Hypervisor Password: [REDACTED]

Drag and drop configuration files here or  
[Select a File](#)

< Back      Continue

**Stap 2.** Zorg ervoor dat alle servers (zowel bron- als doelservers) als geselecteerd zijn. Klik op **Doorgaan**,

HyperFlex Installer

Credentials      Server Selection      IP Addresses      Cluster Configuration

### Server Selection

Select Nodes for this site. Configure Server Ports

Associated (6)

<input checked="" type="checkbox"/>		Server Name	Site	Status	Model	Serial	Service Profile	Actions
<input checked="" type="checkbox"/>	<input type="radio"/>	Server 8	DC1	ok	HX220C-M5SX	[REDACTED]	org-root/org-HX-POD-6/ls-rack-unit-8	Actions ▾
<input checked="" type="checkbox"/>	<input type="radio"/>	Server 9	DC1	ok	HX220C-M5SX	[REDACTED]	org-root/org-HX-POD-6/ls-rack-unit-9	Actions ▾
<input checked="" type="checkbox"/>	<input type="radio"/>	Server 7	DC1	ok	HX220C-M5SX	[REDACTED]	org-root/org-HX-POD-6/ls-rack-unit-7	Actions ▾
<input checked="" type="checkbox"/>	<input type="radio"/>	Server 2	DC2	ok	HX220C-M5SX	[REDACTED]	org-root/org-HX-POD-7/ls-rack-unit-2	Actions ▾
<input checked="" type="checkbox"/>	<input type="radio"/>	Server 3	DC2	ok	HX220C-M5SX	[REDACTED]	org-root/org-HX-POD-7/ls-rack-unit-3	Actions ▾
<input checked="" type="checkbox"/>	<input type="radio"/>	Server 1	DC2	ok	HX220C-M5SX	[REDACTED]	org-root/org-HX-POD-7/ls-rack-unit-1	Actions ▾

### Configuration

#### Credentials

UCS Manager Host Name 1 [REDACTED]

User Name admin

UCS Manager Host Name 2 [REDACTED]

User Name admin

Site Name DC1

Org Name 1 HX-POD-6

Site Name DC2

Org Name 2 HX-POD-7

vCenter Server [REDACTED]

User Name administrator@vsphere.local

Admin User name root

**Stap 3.** In het **IP-adresgedeelte** verstrekt u de (openbare routekaart) IP en hun **GEGEVENS** (particuliere) IP. Geef ook het **cluster IP voor zowel beheer als datanetwerken** op. Klik op **Doorgaan**.

HyperFlex Installer

Credentials      Server Selection      IP Addresses      Cluster Configuration

### IP Addresses

Make IP Addresses Sequential

ID	Name	Site	Management - VLAN		Data - VLAN (FQDN or IP Address)	
			Hypervisor	Storage Controller	Hypervisor	Storage Controller
9	Server 9	DC1	[Redacted]	[Redacted]	192.168.[Redacted]	92.168.[Redacted]
8	Server 8	DC1	[Redacted]	[Redacted]	192.168.[Redacted]	92.168.[Redacted]
7	Server 7	DC1	[Redacted]	[Redacted]	192.168.[Redacted]	92.168.[Redacted]
3	Server 3	DC2	[Redacted]	[Redacted]	192.168.[Redacted]	92.168.[Redacted]
2	Server 2	DC2	[Redacted]	[Redacted]	192.168.[Redacted]	92.168.[Redacted]
1	Server 1	DC2	[Redacted]	[Redacted]	192.168.[Redacted]	92.168.[Redacted]

	Management	Data
Cluster IP Address	[Redacted]	192.168.[Redacted]
Subnet Mask	255.255.254.0	255.255.255.0
Gateway	[Redacted]	
Witness IP	[Redacted]	

### Configuration

**Credentials**

UCS Manager Host Name 1 [Redacted]  
User Name: admin

UCS Manager Host Name 2 [Redacted]  
User Name: admin

Site Name: DC1  
Org Name 1: HX-POD-6  
Site Name: DC2  
Org Name 2: HX-POD-7

vCenter Server [Redacted]  
User Name: administrator@vsphere.local  
Admin User name: root

**Server Selection**

Server 2 [Redacted] / HX220C-M5SX  
Server 3 [Redacted] / HX220C-M5SX  
Server 1 [Redacted] / HX220C-M5SX  
Server 8 [Redacted] / HX220C-M5SX  
Server 9 [Redacted] / HX220C-M5SX  
Server 7 [Redacted] / HX220C-M5SX

**Stap 4.** Onder de **Cluster Configuration** voert u de **VM-wachtwoorden**, **vCenter-configuratie** en **systemservices** uit. Onder het gedeelte **Advanced Network** dient u dezelfde **beheersystemen** en **gegevensVLAN's** voor beide sites te configureren. Klik vervolgens op **Start** om de clusterconfiguraties te starten.

### Cisco HX Cluster

Cluster Name: dm-j-hx-clus-6

**Replication Factor**: 2+2

---

### Controller VM

Create Admin Password: [Redacted]

Confirm Admin Password: [Redacted]

---

### vCenter Configuration

vCenter Datacenter Name: HX-Stretch

vCenter Cluster Name: dm-j-hx-clus-6

---

### System Services

DNS Server(s): [Redacted]

NTP Server(s): [Redacted] cisco.com

DNS Domain Name: cisco.com

Time Zone: (UTC-08:00) Pacific Time

---

### Auto Support

Auto Support:  Enable Connected Services (Recommended)

Send service ticket notifications to: [Redacted]

---

### Advanced Networking

Management VLAN Tag - Site 1: 222

Management VLAN Tag - Site 2: 222

Management vSwitch: vswitch-hx-inband-mgmt

Data VLAN Tag - Site 1: 3099

Data VLAN Tag - Site 2: 3099

Data vSwitch: vswitch-hx-storage-data

---

### Advanced Configuration

Jumbo Frames:  Enable Jumbo Frames on Data Network

Disk Partitions:  Clean up disk partitions

Virtual Desktop (VDI):  Optimize for VDI only deployment

---

### Configuration

#### Credentials

UCS Manager Host Name 1: [Redacted] m

User Name: admin

UCS Manager Host Name 2: [Redacted] m

User Name: admin

Site Name: DC1

Org Name 1: HX-POD-6

Site Name: DC2

Org Name 2: HX-POD-7

vCenter Server: [Redacted]

User Name: administrator@vsphere.local

Admin User name: root

#### Server Selection

Server 2: [Redacted] / HX220C-M55X

Server 3: [Redacted] / HX220C-M55X

Server 1: [Redacted] / HX220C-M55X

Server 8: [Redacted] / HX220C-M55X

Server 9: [Redacted] / HX220C-M55X

Server 7: [Redacted] / HX220C-M55X

#### IP Addresses

Cluster Name: dm-j-hx-clus-6

Management Cluster: [Redacted] cisco.com

Data Cluster: [Redacted]

Management Subnet Mask: 255.255.254.0

Data Subnet Mask: 255.255.255.0

Management Gateway: [Redacted]

Witness IP: [Redacted]

#### Server 9 (WZP22370075)

Management Hypervisor: [Redacted]

Management Storage Controller: [Redacted] 9

Data Hypervisor: [Redacted]

Data Storage Controller: [Redacted]

#### Server 3 (WZP22370078)

[Redacted]

[Back](#) [Start](#)

Step 5. Bevestig dat de clustervorming met succes is voltooid.



Progress
Summary

---

✓
Cluster Creation Successful
View Summary >

Cluster Creation

**Cluster Creation - Overall**

Succeeded

- ✓ Preparing Storage Cluster
- ✓ Configuring Cluster Resource Manager
- ✓ updateClusterSEDStatus

192.168. [redacted]	In Progress	✓ Configuring NTP Services
192.168. [redacted]	In Progress	✓ Configuring NTP Services
192.168. [redacted]	In Progress	✓ Configuring NTP Services
192.168. [redacted]	In Progress	✓ Configuring NTP Services
192.168. [redacted]	In Progress	✓ Configuring NTP Services
192.168. [redacted]	In Progress	✓ Configuring NTP Services

### Configuration

**Credentials**

UCS Manager Host Name 1 [redacted]

User Name admin

UCS Manager Host Name 2 [redacted]

User Name admin

Site Name DC1

Org Name 1 HX-POD-6

Site Name DC2

Org Name 2 HX-POD-7

vCenter Server [redacted]

User Name administrator@vsphere.local

Admin User name root

**Server Selection**

Server 2 [redacted] / HX220C-M5SX

Server 3 [redacted] / HX220C-M5SX

Server 1 [redacted] / HX220C-M5SX

Server 8 [redacted] / HX220C-M5SX

Server 9 [redacted] / HX220C-M5SX

Server 7 [redacted] / HX220C-M5SX

**IP Addresses**

Cluster Name dm-j-stretch-1

Management Cluster [redacted]

Data Cluster 192.168. [redacted]

Management Subnet Mask 255.255.254.0

Data Subnet Mask 255.255.255.0

Management Gateway [redacted]

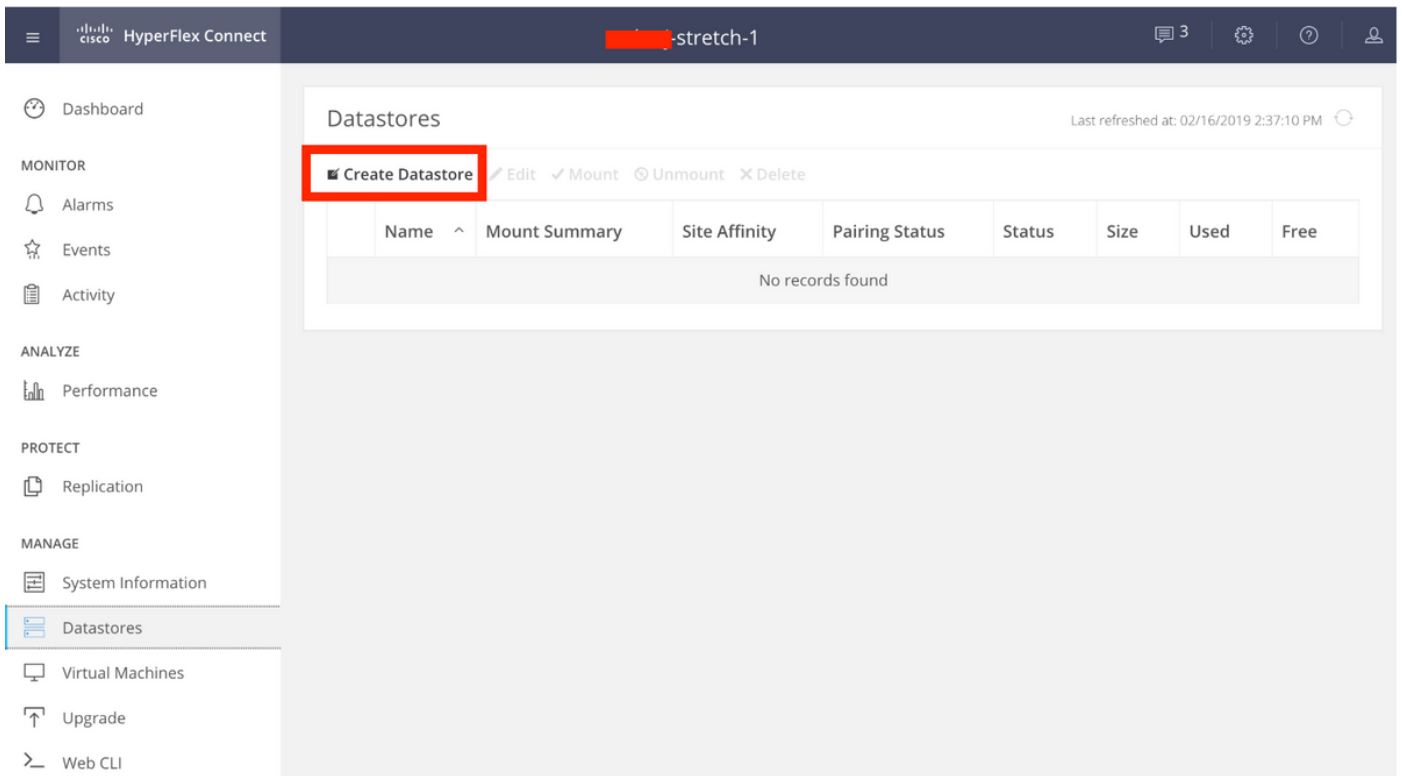
Witness IP [redacted]

Server 9 (WZP22370075)

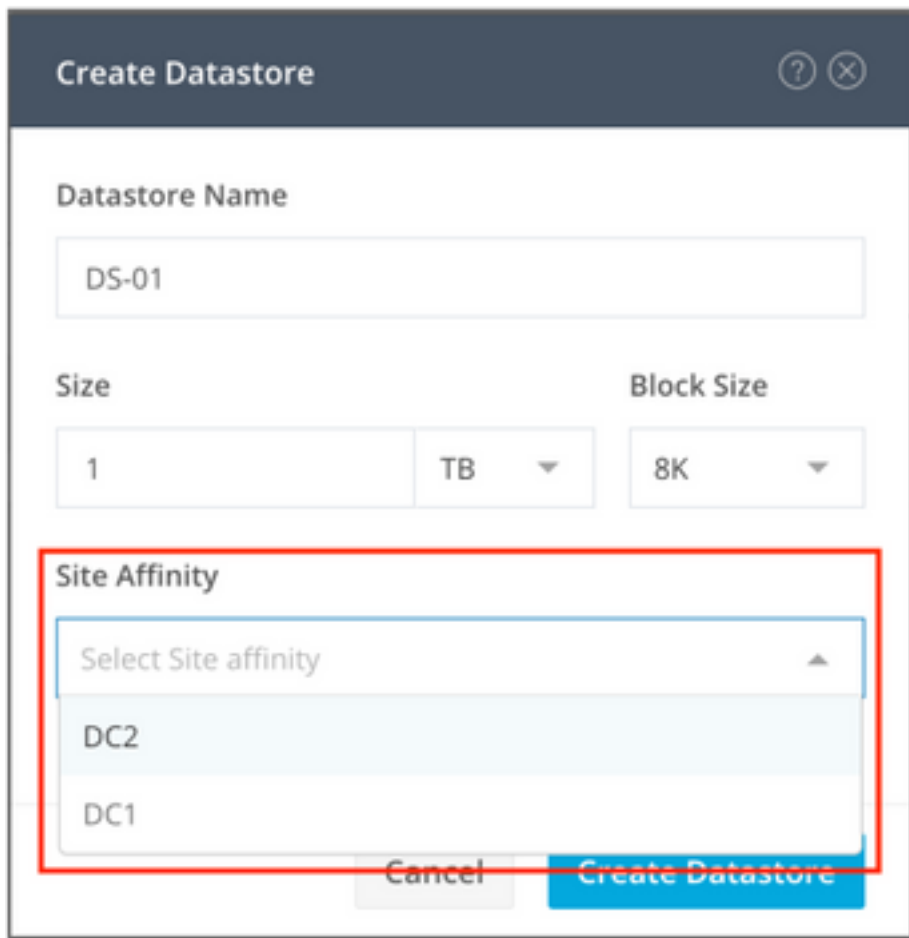
## Verifiëren

### Creatie van Datastore

**Stap 1.** De datastore-creatie op een stretch cluster is gelijk aan de datastore-creatie op een normaal cluster. Het enige verschil is dat het maken van een datastore in een stretch cluster de locatieaffiniteit definieert. In **Hyperflex Connect UI** navigeer naar de **Datstores** en klik op **Datastore maken**



**Stap 2.** Maak een datastore en selecteer de grootte ervan. Selecteer vervolgens in de **extra stap** onder de optie **Site Affinity** ook een van de twee sites. klik vervolgens op **Datastore maken**



**Stap 3.** Bevestig de status van de nieuw gecreëerde datastore die het als **GEMONTEERD** toont en ook de **locatieaffiniteit** toont.

# Datastores

Last refreshed at: 02/16/2019 2:41:02 PM 

Create Datastore  Edit  Mount  Unmount  Delete



Filter

	Name ^	Mount Summary	Site Affinity	Pairing Status	Status	Size	Used	Free
<input type="checkbox"/>	DS-01	MOUNTED	DC1	Unpaired	Normal	1 TB	0 B	1 TB

Showing 1 - 1 of 1