

Nutanix ????

構建的流程

在經銷商、代理商

- 開箱、開機、外觀和啟動確認
- Foundation**
 - 管理IP (IPMI/iLO/iDRAC等) 設定
 - Hypervisor安裝
 - CVM安裝
 - CVM, Cluster VIP的IP 設置
 - 叢集建立
- Storage Container 設置
- Prism設定、VLAN ID設定
- NCC檢查/初始警報清除
- 包裝和運輸

至客戶端Day1

- Nutanix 設備安裝接線和通電
- 網路配置 (虛擬交換機/Bonding/子網/NTP/DNS)
- 告警設定 (SNMP/syslog/Alert通知/Pulse)
- 認證設定 (AD/Role)
- 許可證註冊
- Nutanix 設置 (更新軟體/安裝Prism Central)

至客戶端Day2

- 確認昨日的升級完成
- 從舊環境移轉虛擬機器 (*)
- 建立新的虛擬機器 (*)
- Nutanix 其他功能設定 (*)
- 配置RBAC與授權的網域
- 簡易知識轉移

※如果包含在合作夥伴服務中：由合作夥伴執行

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[illegible][illegible]

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<https://portal.nutanix.com/page/documents/details?targetId=Rack-Mount-Guide-G9:rac-block-mount-rail-2u-antitip-t.html>

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- SFP+ SFP+ DAC AOC
- SFP+
- SFP+ 1m/3m/5m
- 3 6 10G (Infra) 3 1G RJ45() OOB
- 10G/25G Bonding vs0/br0-up Nutanix (4) vs1/br1-up

Nutanix Gbic Gbic Nutanix Switch Gbic

NX 10G SFP+ 25G SFP28



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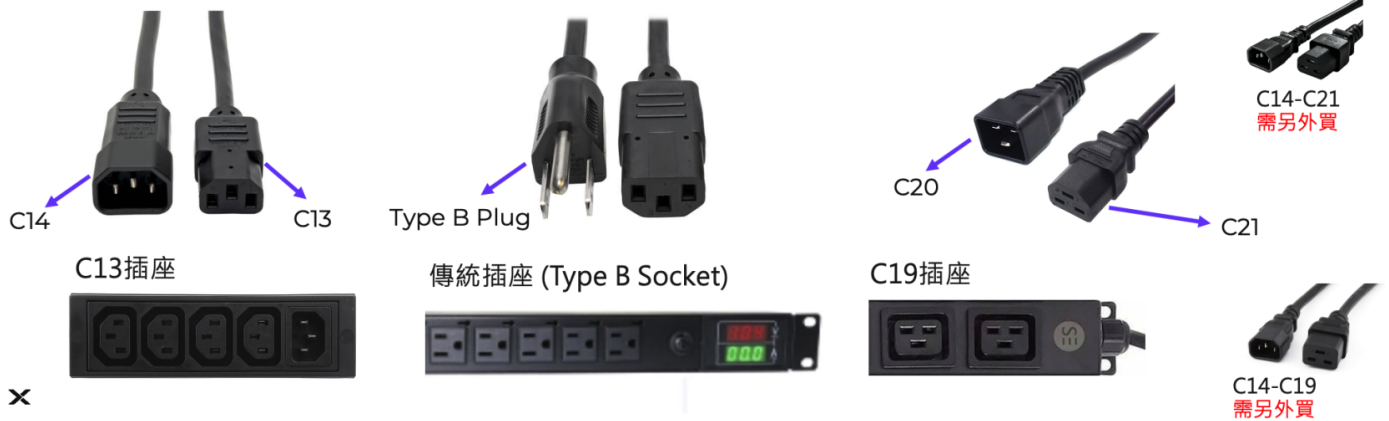
- Site Check

-  : C-PWR-4FC13C14A


- □□ Power Cable(C14/C13)
- □ 1□□ x 2□ = 2□□□

- : **C-PWR-6FC20C21A-CM**C20/C21 □ NX3060-G8,G9□□ 3000W□□□□□ C19
 □□□□□ C14/C21□ C14/C19□□□

NX[]



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L2

Pchome

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鋼殼設計 極易散熱

㊟超值搶購↘95折

TP-LINK TL-SG105 5埠10/100/1000Mbps

網路價\$**499** 詳 1 加入**24**購物車

NETGEAR GS308

8埠 金屬殼 無風扇

NETGEAR GS308 - 8埠 10/100/1000M Giga

★美國銷售第一品牌★

網路價\$**1250** 詳

1 加入**24**購物車

折價券

D-Link 友訊 DGS-108

隨插即用免安裝

D-Link友訊 DGS-108

EEE節能8埠10/100/10

• 台灣製造

網路價\$**949** 詳

1 加入**24**購物車

折價券

TP-LINK TL-SG1024D

24埠 Gigabit 桌上型/

★24 個 10/100/1000Mbps 連

網路價\$**2799** 詳

1 加入**24**購物車

折價券

NETGEAR GS308E

8埠 金屬殼 無風扇

【電商限定】NETGEAR GS308E 8埠 簡易網

★八個10/100/1000 Mbps乙

網路價\$**1780** 詳

1 加入**24**購物車

折價券

Mercusys 水星網路 M S105G

Gigabit 巧克力造型 節能省電

Mercusys水星網路 M S105G 5埠口 port 10/

★5 x 10/100/1,000 Mbps 自動

網路價\$**299** 詳

1 加入**24**購物車

折價券

ZYXEL GS-108Bv3

8Port-Giga鐵殼

★結帳折↘88折★

Zyxel合勤 GS-108Bv3

流暢的VoIP與資料交換服務

網路價\$**955** 詳

1 加入**24**購物車

折價券

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Foundation VM 1 GB 80

Nutanix Support Portal -> Downloads -> Foundation

<https://portal.nutanix.com/page/downloads?product=foundation>

Foundation

Nutanix Support Portal -> Downloads -> Foundation

<https://portal.nutanix.com/page/downloads?product=foundation>

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AHV	Foundation_VM-x.y.z-disk-0.qcow2
ESXi	Foundation_VM-x.y.z.tar
Mac	foundation-x.y.x-mac.dmg
Windows	foundation-x.y.z-windows.msi

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Downloads

Products

NUTANIX

Foundation

The Nutanix Foundation is a tool that allow administrators to completely bootstrap, deploy and configure a bare-metal Nutanix cluster from start-to-end with minimal interaction in matter of minutes.

Notes

Find the latest hypervisor whitelist (iso_whitelist.json) [here](#)

For dark-site Foundation upgrades using LCM please also download the latest [Nutanix Compatibility Bundle](#).

LatestOther Versions

Standalone Foundation VM image for importing into AHV (Version: 5.71)

Release Date: Feb 06, 2025

Show Less

Filename: Foundation_VM-5.71-disk-0.qcow2

Size: 4.22 GB

Md5: d194707430cc9d836680670beba8736b

Release Notes: [Release Notes](#) / [User Guide](#)

Download

Standalone Foundation VM image for importing into VirtualBox or ESXi(Version: 5.71)

Release Date: Feb 06, 2025

Show Less

Filename: Foundation_VM-5.71.tar

Size: 4.25 GB

Md5: e31b477440496fbc9a9b973410f699c

Release Notes: [Release Notes](#) / [User Guide](#)

Download

Foundation for Windows (Version: 5.71)

Release Date: Feb 06, 2025

Show Less

Filename: foundation-5.71-windows.msi

Size: 1.33 GB

Md5: 62824eee14d6b1c474572f6ccc0217d

Release Notes: [Release Notes](#) / [User Guide](#)

Download

Foundation LCM Bundle (Version: 5.71)

Description: Foundation Darksite bundle compatible with LCM Framework version 2.6 and above

Release Date: Feb 06, 2025

Download

???AOS

☐ Nutanix Support Portal☐☐☐☐☐ Nutanix Support Portal -> Downloads -> AOS

<https://portal.nutanix.com/page/downloads?product=nos>

☐☐ AOS Upgrade/Installer

nutanix_installer_package-release-ganges-x.x.x.x-stable.....-x86_64.tar.gz

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AOS

AOS integrates storage, compute and networking resources into a scalable, secure, resilient and easy-to-use software-defined infrastructure.

Notes

Please refer to the [AOS EOL schedule](#) for release details

To determine the upgrade path from your current release to the target release, see [Upgrade paths](#). To check compatibility for the AOS, PC, and Calm release families, see [Software Product Interoperability](#)

Nutanix determines when to make updates available via Life Cycle Manager (LCM) based on various factors unique to each release. If you do not wish to wait for the updates to appear in LCM automatically, or if you are a darksite deployment, manually download the binaries from the Nutanix Portal along with the latest [Nutanix Compatibility Bundle](#) and perform the upgrade using the LCM Direct upload method. Refer [KB 16251](#) for details on Staged Release model.

From AOS 6.8 release, AHV installation file is not bundled with the AOS installer. Workflows such as imaging a cluster, cluster conversion, generating phoenix ISOs will require manual upload of the AHV iso to the CVM. You can access the AHV ISO files on the [AHV downloads page](#) . Refer to the [Prism Web Console Guide](#) for more details.

For more information on Nutanix Cloud Infrastructure (NCI) releases refer to [KB 5505](#).

Latest

Other Versions

AOS Open Source Disclosure (Version: 6.8.1.8)

Release Date: May 08, 2025

Show More

Download

AOS Upgrade/Installer - eSTS (Version: 6.8.1.8)

Release Date: May 08, 2025

Show More

Download

Metadata

AOS LCM Bundle - eSTS (Version: 6.8.1.8)

Release Date: May 08, 2025

Show More

Download

AOS Open Source Disclosure (Version: 7.0.1.5)

Release Date: May 07, 2025

Show More

Download

AOS Upgrade/Installer (Version: 7.0.1.5)

Download

Hypervisor

AHV

AHV AOS 6.8 AOS Hypervisor ISO

<https://portal.nutanix.com/page/compatibility-interoperability-matrix/>

AOS 7.0.1.5 Hypervisor AHV Nutanix NX1065-G9

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Compatibility and Interoperability Matrix

Platform Compatibility

Nutanix Products/Tools

NVIDIA Drivers

Partner Software Validation

1 廠牌

Hardware Manufacturer

Nutanix

2 硬體型號

Hardware Model

NX-1065...

3 AOS 版本

AOS Version

7.01.5

4 Hypervisor

AHV

5 建議的 Hypervisor 版本

Recommended Hypervisor Version

Select

Reset Filters

Refer to the vSphere Administration guide for limitations on ESXi 8.x support, and currently qualified platforms.

Refer to KB 18679 for guidance on upgrading Non-NX clusters in relation to the Broadcom Security Advisory VMsa-2025-0004.

Download.csv

Exclude EOL Versions

Supported Products

Intermixing

1 - 1 of 1

20 rows

All Versions

My Impacted Clusters

Hardware Model

Processor(s)

AOS Version

Recommended Hypervisor Version

Type to filter...

6 NX-1065-G9

Emerald Rapids, Sapphire Rapids

7.01.5

AHV-10.01

Keys

End of Life

One click download enabled

Hypervisor Support Policy

1. Please contact your hypervisor vendor for any questions regarding their support policies. Nutanix strongly recommends that customers deploy an 'in-support' hypervisor version on Nutanix systems.

2. Nutanix does not support hypervisor downgrades.

3. Hypervisor versions such as ESXi 6.5 Vendor indicate a custom vendor version. See the Hardware Compatibility Lists platform documentation for details.

4. Hyper-V 2016 and 2019 support: Nutanix supports Hyper-V on Microsoft Windows Server 2016/2019. Nutanix does not support any version of Microsoft Hyper-V Server 2016/2019, nor does Nutanix support evaluation versions of Windows Server.

5. Windows Server 2012 R2 is not supported on Nutanix NX Series G6 platforms that include NVME controllers or on Nutanix NX-3155-G6 platforms that include GPU cards.

6. Hyper-V on Microsoft Windows Server 2016 is supported on NX-5155-G6 and NX-8155-G6 when these platforms form a multinode cluster. Only AHV and ESXi hypervisors are supported when these platforms are used as single node replication targets (SNRTs).

NUTANIX

Feedback

ESXi

廠牌 AOS 7.0.1.5 Hypervisor 廠牌 ESXi Nutanix NX1065-G9 硬體型號

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Compatibility and Interoperability Matrix

Platform Compatibility

Nutanix Products/Tools

NVIDIA Drivers

Partner Software Validation

Hardware Manufacturer

Nutanix

Hardware Model

NX-1065...

Processor

Select

AOS Version

7.01.5

Hypervisor

ESXi

Recommended Hypervisor Version

Select

Reset Filters

Refer to the vSphere Administration guide for limitations on ESXi 8.x support, and currently qualified platforms.

Refer to KB 18679 for guidance on upgrading Non-NX clusters in relation to the Broadcom Security Advisory VMsa-2025-0004.

Download.csv

Exclude EOL Versions

Supported Products

Intermixing

1 - 4 of 4

20 rows

All Versions

My Impacted Clusters

Hardware Model

Processor(s)

AOS Version

Recommended Hypervisor Version

Type to filter...

NX-1065-G9

Emerald Rapids, Sapphire Rapids

7.01.5

ESXi 8.0 U2

NX-1065-G9

Emerald Rapids, Sapphire Rapids

7.01.5

ESXi 8.0 U1

NX-1065-G9

Emerald Rapids, Sapphire Rapids

7.01.5

ESXi 7.0 U3n

NX-1065-G9

Emerald Rapids, Sapphire Rapids

7.01.5

ESXi 8.0 U3

Keys

End of Life

One click download enabled

Hypervisor Support Policy

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2. Nutanix does not support hypervisor downgrades.

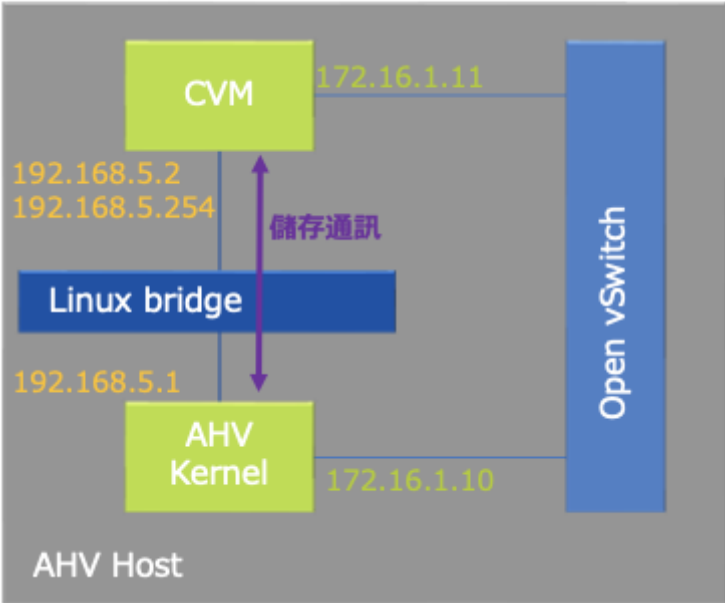
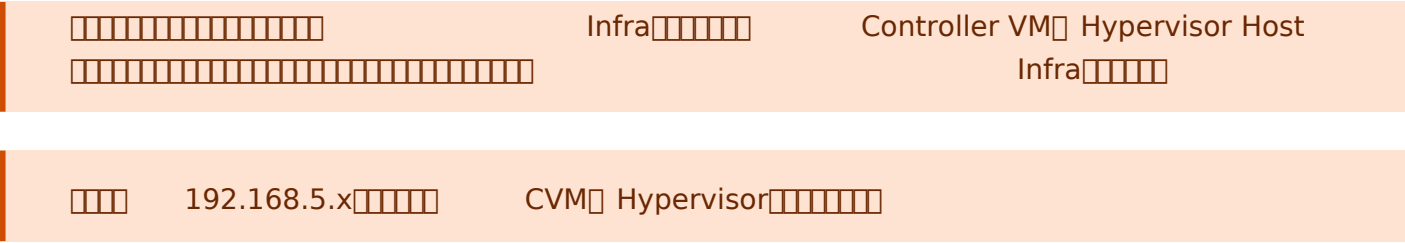
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NUTANIX

Feedback

ESXi ISO 廠牌 MD5 硬體型號

廠牌 <https://support.broadcom.com/> VMware ESXi ISO 廠牌



4 Nutanix IP

- 4 IPMI IP
- 4 CVM IP
- 4 Hypervisor IP
- 1 (VIP) IP
- 1 IP (Host CVM)

14 IP (Data Service IP 15 ※)
※ Data Service IP Volumes/Files/Objects IP
Foundation

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Nutanix Support Portal -> Downloads -> Documentation -> Ports and Protocols

<https://portal.nutanix.com/page/documents/list?type=software&filterKey=software&filterVal=Ports%20and%20Protocols&productType=AOS>

- 1
- Documentation
- 2
- Software Documentation
- Hardware Documentation
- Knowledge Base
- Upgrade Paths
- Configuration Maximums
- Field Advisories
- EOL & EOSL Information
- Solutions Documentation
- Nutanix Validated Designs
- Support Resources
- .NEXT Forums
- Terms & Conditions
- Nutanix Cloud Platform
- Product Notices
- NUTANIX

3

Software Type : Ports and Protocols

4

Software Type

Foundation

Reset Filter

Export

1 - 19 of 19

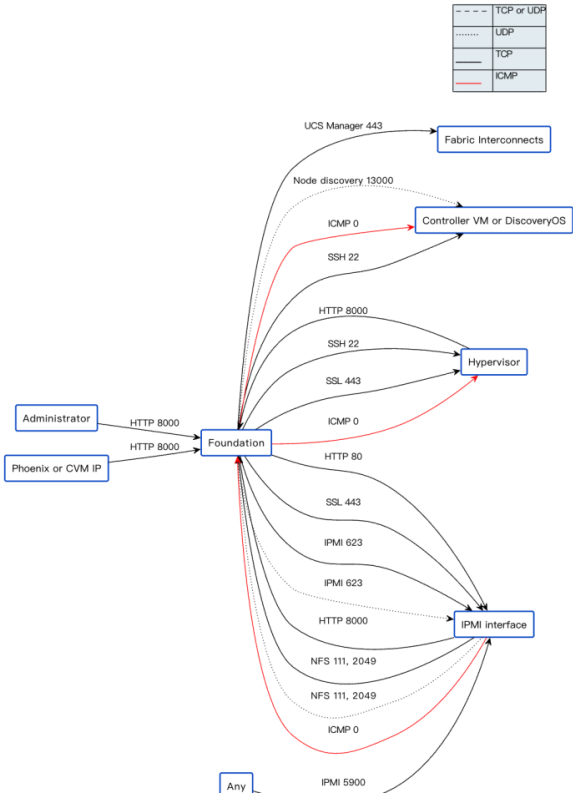
20 rows

Ports Detail		Ports Diagram			
Port Number	Transfer Protocol	Source	Destination	Service	Description
Type to filter					
13000	UDP	Foundation	Controller VM or DiscoveryOS	Node discovery	Node discovery
8000	TCP	Hypervisor	Foundation	HTTP	Bootstrapping status callback
8000	TCP	IPMI interface	Foundation	HTTP	Virtual media mount
8000	TCP	Administrator	Foundation	HTTP	Foundation UI/API access
8000	TCP	Phoenix or CVM IP	Foundation	HTTP	Required for Phoenix (which uses the CVM IP associated with the node) to download artifacts from Foundation.
5900	TCP	Any	IPMI interface	IPMI	Remote file sharing for Dell platforms.
623	TCP	Foundation	IPMI interface	IPMI	IPMI operations
623	UDP	Foundation	IPMI interface	IPMI	IPMI operations
443	TCP	Foundation	Hypervisor	SSL	Bootstrapping
443	TCP	Foundation	IPMI interface	SSL	IPMI operations

Ports Diagram

Ports Detail

Ports Diagram



??IP???

IP

IP

IP

Node	主機名稱		IP Address	Subnet Mask	Gateway	交換機端口設定	Vlan	HTTPS Port	帳號	密碼	MAC
Block SN :											
NodeA Node SN :		IPMI				Access		443	ADMIN		
		Hypervisor				Active-Backup, Trunk br0,vs0 (eth2, eth3)			root/admin/nutanix		
		Nutanix CVM					9440	nutanix			
NodeB Node SN :		IPMI				Access		443	ADMIN		
		Hypervisor				Active-Backup, Trunk br0,vs0 (eth2, eth3)			root/admin/nutanix		
		Nutanix CVM					9440	nutanix			
NodeC Node SN :		IPMI				Access		443	ADMIN		
		Hypervisor				Active-Backup, Trunk br0,vs0 (eth2, eth3)			root/admin/nutanix		
		Nutanix CVM					9440	nutanix			
User Vlan(Optional)	每個AHV Node會自動套用相同配置					Active-Backup, Trunk br1,vs1 (eth0, eth1)					
Foundation								8000	nutanix	nutanix/4u	
NTP Server		校時	建議外部3個Linux Base								
DNS Server		名稱解析									
叢集名稱		Nutanix叢集IP						9440	admin		
Domain(Optional)		網域名稱									
Prism Central		多叢集管理						9440	admin		
Nutanix Move(Optional)		V2V移轉							nutanix		
iSCSI Data(Optional)		Nutanix資料服務									

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arthur 15 2025 09:08:20