

# Get Your FlexPod® Fast

## Overview

FSA One Frameworks™ is the newest way to deploy your next FlexPod. Customers can select from a set of pre-validated, pre-integrated FlexPod converged infrastructure solutions making it faster and easier than ever to transform your data center.

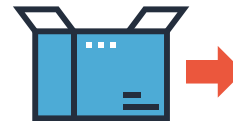
Based on the most common configurations, FSA One Frameworks puts you in the driver's seat when deploying your next FlexPod.

### Make FlexPod Fast and Easy with FSA One Frameworks



#### Simplified Orders in Hours

- Simplified Ordering Process
- Standard Configs
- Flexible Structure



#### Ships Complete in Days

- Pre-Racked
- Pre-Validated
- Fully Cabled and Integrated



#### Deploy Confidently in Days

- Rapid-Deployment-Ready
- Accelerated Time-to-Value
- Repeatable configs for remote locations

Automated deployment options available.

# The Matrix | FSA One Frameworks™

FSA One Frameworks Description*	Solution Details*	Compute	Network	Storage	Cabinet and Power
<b>FSA One Junior Starter x B200</b> UCS Mini NX-OS FAS2552A (iSCSI, NFS)		UCS Mini Chassis with 2 6324 Fabric Interconnects 3 B200 M4 Server Blades Intel E5-2260 10 Core Processors with 256 GB Memory VIC1340	Switchless	NetApp FAS2552 ONTAP 8.3 - Switchless list shelf-4x400 GB SSD, 20x900 GB internal 10.99 TB Usable	1Rittal 24U Cabinet 2 Eaton 0U Single Phase PDUs
<b>FSA One Starter</b> UCS Mini NX-OS FAS2552A (iSCSI, NFS)	Virtualization VDI (small scale) Microsoft SQL, Exchange, SharePoint (small scale)	UCS Mini Chassis with 2 6324 Fabric Interconnects 4 B200 M4 Server Blades Intel E5-2260 10 Core Processors with 256 GB Memory VIC1340	Switchless	NetApp FAS2552 ONTAP 8.3 - Switchless list shelf-4x400 GB SSD, 20x900 GB internal 10.99 TB Usable	1Rittal 24U Cabinet 2 Eaton 0U Single Phase PDUs
<b>FSA One Entry</b> UCS Mini 9K NX-OS FAS2552A (iSCSI, NFS)		UCS Mini Chassis with 2 6324 Fabric Interconnects 4 B200 M4 Server Blades Intel E5-2660 14 Core Processors with 256 GB Memory VIC1340	2 Nexus 9372PX Switches	NetApp FAS2552 ONTAP 8.3 - Switchless list shelf-4x400 GB SSD, 20x900 GB internal 10.99 TB Usable	1Rittal 24U Cabinet 2 Eaton 0U Single Phase PDUs OR 1 Cisco R42610 42U Cabinet 2 0U Eaton Single Phase PDUs
<b>FSA One Entry AFF 400</b> UCS Mini 9K NX-OS AFF8040 (iSCSI, NFS)		UCS Mini Chassis with 2 6324 Fabric Interconnects 4 B200 M4 Server Blades Intel E5-2660 10 Core Processors with 256 GB Memory VIC1340	2 Nexus 9372PX Switches	NetApp AFF8040A ONTAP 8.3 - Switchless 1 DS2246 400GB SSD shelf 7.14 TB Usable	1 Rittal 24U Cabinet 2 Eaton 0U Single Phase PDUs OR 1 Cisco R42610 42U Cabinet 2 Eaton 0U Single Phase PDUs
<b>FSA One AFF 800E</b> UCS Mini 9K NX-OS AFF8040 (iSCSI, NFS)	Virtualization VDI (small scale) Microsoft SQL, Exchange, SharePoint (small scale) Oracle Database and SAP HANA (small scale)	UCS Mini Chassis with 2 6324 Fabric Interconnects 4 B200 M4 Server Blades Intel E5-2660 10 Core Processors with 256 GB Memory VIC1340	2 Nexus 9372PX Switches	NetApp AFF8040A ONTAP 8.3 - Switchless 1 DS2246 800GB SSD shelf 14.29TB Usable	1 Rittal 24U Cabinet 2 Eaton 0U Single Phase PDUs OR 1 Cisco R42610 42U Cabinet 2 Eaton 0U Single Phase PDUs
<b>FSA One AFF 800S</b> UCS DC 9K NX-OS AFF8040 (iSCSI, NFS)		1 UCS 5108 Chassis w/ 2208 IO Modules 2 6248UP Fabric Interconnects 8 B200 M4 Server Blades Intel E5-2670 12 Core Processors with 256 GB Memory VIC1340	2 Nexus 9372PX Switches	NetApp AFF8040A ONTAP 8.3 - Switchless 1 DS2246 800GB SSD shelf 14.29TB Usable	1 Cisco R42610 42U Cabinet 2 Eaton 0U Single Phase PDUs 2 Eaton 1U Single Phase PDUs
<b>FSA One Small</b> UCS DC 9K NX-OS FAS8020A (iSCSI, NFS)	General Purpose Virtualization VDI (small scale) Microsoft SQL, Exchange, SharePoint (small scale) Oracle Database and SAP HANA (small scale)	1 UCS 5108 Chassis w/ 2208 IO Modules 2 6248UP Fabric Interconnects 8 B200 M4 Server Blades Intel E5-2670 12 Core Processors with 256 GB Memory VIC1340	2 Nexus 9372PX Switches	NetApp FAS8020A ONTAP 8.3- Switchless "2 512GB FlashCache (1 per controller) 3 DS2246 900GB SAS shelves 48.37TB Usable"	1 Cisco R42610 42U Cabinet 2 Eaton 0U Single Phase PDUs 2 Eaton 1U Single Phase PDUs
<b>FSA One Medium</b> UCS DC 9K NX-OS FAS8040A (iSCSI, NFS)	Virtualization VDI (medium scale) Microsoft SQL, Exchange, SharePoint (medium scale)	1 UCS 5108 Chassis w/ 2208 IO Modules 2 6248UP Fabric Interconnects 12 B200 M4 Server Blades Intel E5-2670 12 Core Processors with 256 GB Memory VIC1340	2 Nexus 9372PX Switches	NetApp FAS8040A ONTAP 8.3 – Switchless 2 1TB FlashCache (1 per controller) 4 DS2246 900GB SAS shelves 68.17TB Usable	1 Cisco R42610 42U Cabinet 2 Eaton 0U Single Phase PDUs 2 Eaton 1U Single Phase PDUs
<b>FSA One Large</b> UCS DC 9k NX-OS FAS8040A (iSCSI, NFS)	Oracle Database and SAP HANA (medium scale)	2 UCS 5108 Chassis w/ 2208 IO Modules 2 6248UP Fabric Interconnects 16 B200 M4 Server Blades Intel E5-2670 12 Core Processors with 256 GB Memory VIC1340	2 Nexus 9372PX Switches	NetApp FAS8040A ONTAP 8.3 - Switchless 2 1TB FlashCache (1 per controller) 6 DS2246 900GB SAS shelves 77.68TB Usable	1 Cisco R42610 42U Cabinet 2 Eaton 0U Single Phase PDUs 2 Eaton 1U Single Phase PDUs
<b>FSA One AFF 8080L</b> UCS DC 9K NX-OS AFF8080 (iSCSI, NFS)	Virtualization VDI (large scale) Microsoft SQL, Exchange, SharePoint (large scale) Oracle Database and SAP HANA (large scale)	2 UCS 5108 Chassis w/ 2208 IO Modules 2 6248UP Fabric Interconnects 16 B200 M4 Server Blades Intel E5-2670 12 Core Processors with 256 GB Memory VIC1340	2 Nexus 9372PX Switches	NetApp AFF8080A ONTAP 8.3 - Switchless 1 DS2246 3.8 TB SSD shelf 55.73 TB Usable	1 Cisco R42610 42U Cabinet 2 Eaton 0U Single Phase PDUs 2 Eaton 1U Single Phase PDUs

\*Limited by amount of physical CPU cores, memory and based on NetApp's Storage Efficiencies Technologies. VDI: Task Worker – CPU 10:1 overcommit, 0 memory share, 1 vCPU, 1.5GB memory N-1 with roughly 80% utilization.General VM – CPU 6:1 overcommit, 0 memory share, 2 vCPU, 4GB memory N-1 with roughly 80-90% utilization. Solution details are for illustrative purposes only. Specific Cisco Validated Designs and NetApp Verified Architectures for all referenced solutions are located on [www.cisco.com](http://www.cisco.com) and [www.netapp.com](http://www.netapp.com).

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