FlexPod Small – 110 Virtual Machines
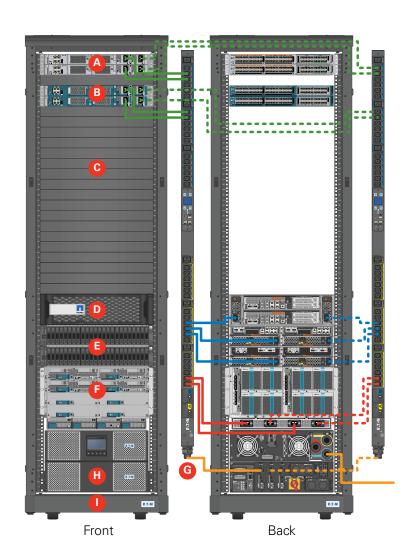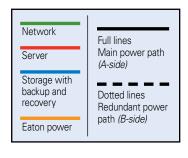
A Cisco Nexus 5548UP Switches

B Cisco UCS 6248UP Fabric Interconnect

C Eaton® Blanking Panels

D NetApp FAS8020A Storage

E DS2246 600GB Expansion Shelves

F Cisco UCS Blade Chassis with B200 M3 Server Blades

G Eaton Metered Input ePDUG3

H Eaton 9PX 11 kVA UPS

I Eaton REC-Series Rack

Front   Back

Network	Full lines Main power path (A-side)
Server	
Storage with backup and recovery	Dotted lines Redundant power path (B-side)
Eaton power	

Eaton, NetApp, and Cisco have joined forces to provide you the ultimate converged infrastructure solution. NetApp's high performance storage offering in combination with Cisco's UCS compute and networking products and Eaton's virtualization ready power management solutions, provide the premier converged infrastructure solution for managing your mission critical environment. Eaton's Intelligent Power® Manager (IPM) software integration with NetApp ONTAP and the Cisco UCS platform provide supervision, lengthen runtime during extended outages, and provide policy driven graceful shutdown capability when required. In addition, Eaton's seamless integration into leading hypervisor management frameworks, such as VMware vCenter™, allow IPM to initiate virtual machine migration and disaster recovery site failover policies in the event of an extended power outage to improve resiliency.

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EATON PRE-CONFIGURED FLEXPOD CONVERGED INFRASTRUCTURE SOLUTIONS

Components	Quantity	Description	Power Draw (Watts)		Power Connection	U Space	
			Per Supply (Max)	Solution Total		Per Unit	Solution Total
110 Virtual Machines							
Network Switch	2	Cisco Nexus 5548UP	600	1200	C13/14	1	2
Fabric Interconnects	2	Cisco UCS 6248UP	600	1200	C13/14	1	2
Storage	1	NetApp FAS8020A	350	350	C13/14	3	3
	2	DS2246 600GB SAS shelf	250	500	C13/14	2	4
Compute	1	Cisco UCS 5108 Chassis w/ 2208 IO Modules	2500	5000	C19/20	6	6
	4	B200 M3 Server Blades	N/A	N/A	N/A	0	0
Hypervisor	-	VMware ESXi 6.0	N/A	N/A	N/A	0	0
			Total Power	**8250**		**Grand Total**	**17**

Eaton Components	Quantity	Description	Part Number	U Space	
Rack	1	REC Series IT Rack: 42U x 600mmW x 1200mmD	RCA42612SPBE		
Rack	2	Blanking Panels	ETN-PBP1U10		
Cable Mgmt	2	Cable Manager Ring Kit	ETN-CMDRNR032U		
Cable Mgmt	2	Velcro Buckle Straps	ETN-CMVBCKL		
ePDU	2	Metered Input ePDUG3	EMIB08		
Adaptor Cable	1	Output cable 2x32A	CBL2OUT32		
UPS	1	Eaton 9PX 11000i RT6U HotSwap Netpack	9PX11KiRTNBP	6	6
MBP	1	Maintenance Bypass	included with 9PX UPS		
EMP	1	Environmental Monitoring Probe	EMP001		
IPM	1	Intelligent Power Manager	Download@ eaton.eu/intelligentpower		
			Solution Total		**23**

For more information visit:

eaton.eu/netapp

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