METSI SERVICE PACKAGE: Cisco Container Platform

Summary

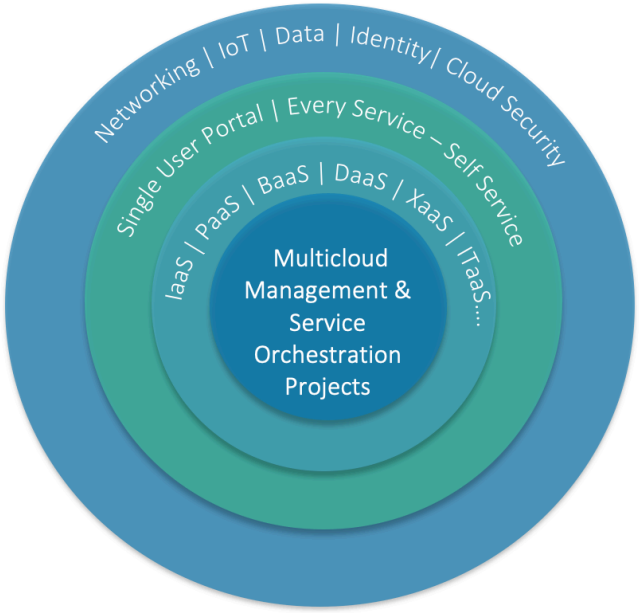
These service packages will deliver a strategy workshop & deployment services to provides a secure and single integrated solution that addresses container orchestration and management based on the Cisco Container Platform.

Cisco Container Platform (CCP)

Cisco Container Platform is a fully curated, lightweight container management platform for production grade environments, powered by Kubernetes, and delivered with Cisco enterprise-class support. It reduces the complexity of configuring, deploying, securing, scaling and managing containers via automation coupled with Cisco's best practices for security and networking. CCP is built with an open architecture using open source components, preventing lock-in, that works across private and public cloud environments.

Metsi Technologies

Metsi Technologies is a global digital systems integrator that specializes in complex systems automation & orchestration, built on a hybrid multicloud fabric and empowered by a Software Defined Data Center. Our software engineers are experts in enterprise networking, self-service platforms, real-time business performance and optimization, and automated control of network infrastructure. We integrate the entire IT stack and develop IT-as- a-Service solutions, leading with Cisco and including RedHat, VMware, Kubernetes, AWS, Azure, and Google Cloud Platform.



Metsi Technologies Continuous Digital Innovation

METSI TECHNOLOGIES

METSI SERVICE PACKAGE: Cisco Container Platform

CCP Workshop (CCP-WS-CUS)

ACTIVITY	ACTIVITY OUTCOME	COST

1. Workshop	• Confirmed scope with customer/partner
	• Container Platform planning strategy workshop agenda:
	  • Understand business requirements and define customer vision for container solution
	  • CaaS reference architecture
		POA

2. HLD Documentation & Implementation Plan	• High Level Design document containing:
	  • CCP Solution Architecture
	  • Use case example
	  • Component interaction for container runtime, orchestration, container network interface, SDN, storage, load balancing, service mesh, monitoring and logging
	  • Service Design
	  • Integrations
	• Agreed strategy & roadmap
	  • Project plan to implement Cisco Container Platform	

ELAPSED DURATION		1 week

METSI TECHNOLOGIES

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CCP Foundation Deployment (CCP-FD-DEP)

ACTIVITY	ACTIVITY OUTCOME	COST
1. Scoping & Pre-requisite verification	• Confirmed scope with customer/partner • Infrastructure ready for Container Platform installation	POA
2. Installation & Configuration	• Installation of 1 instance of CPP • Setup User Account Login • Installation of a one Kubernetes cluster on-premise	
3. Deploying & Managing Clusters	• Deployment of wordpress application using Kubectl • Demonstrate how to monitor deployments in the dashboard and/or command line • Demonstration and configuration of CCP scaling	
ELAPSED DURATION		1 week

METSI TECHNOLOGIES

METSI SERVICE PACKAGE: Cisco Container Platform

CCP with AWS (CCP-VD-DEP)

ACTIVITY	ACTIVITY OUTCOME	COST
1. Scoping & Pre-requisite verification	• Confirmed scope with customer/partner • Infrastructure ready for Container Platform installation • AWS Account and AWS Network Topology Design	POA
2. Installation & Configuration	• Installation of 1 instance of CPP • Setup User Account Login • Installation of a one Kubernetes cluster in AWS using EKS	
3. Deploying & Managing Clusters	• Deployment of wordpress application using Kubectl • Demonstrate how to monitor deployments in the dashboard and/or command line • Demonstration and configuration of CCP scaling	
ELAPSED DURATION		1 week

METSI TECHNOLOGIES

METSI SERVICE PACKAGE: Cisco Container Platform

CCP with AWS & Cisco CloudCenter Suite (CCP-VD-DEQ)

ACTIVITY	ACTIVITY OUTCOME	COST
1. Scoping & Pre-requisite verification	• Confirmed scope with customer/partner • Infrastructure ready for Container Platform installation • Infrastructure ready for CloudCenter Suite installation • AWS Account and AWS Network Topology Design	POA
2. Installation & Configuration	• Installation of 1 instance of CPP • Setup User Accounts Login for CCP & CCM • Installation of a two Kubernetes Clusters, one On-Prem and one in AWS using EKS • Installation of 1 instance of CCM with an integrated database in AWS or On-Prem • Installation of two/three instances of CCO. On-Prem and AWS Cloud • Installation of messaging queue (AMQP) within the same clouds • Installation and configuration of a private repository	
3. Deploying & Managing Clusters	• Deployment of a 2 tier sample using CloudCenter • Demonstration and configuration of CCP scaling	
ELAPSED DURATION		2 weeks