SECOM

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PCE Service Provider (PCE-SP) deployment to replace end of life Nutanix environment and launch of a new data center. Customer wants CSP to manage the infrastructure, but will provide a VMaaS to end customers via multi-tenant and VRF-based framework. Solution must be branded as SECOM and include Japanese language Morpheus.

- Running notes (Secom)

- **Contacts**
  - WW Sales Team:
    - Sales: @Harris Schneiderman
    - Presales: Hiroyuki Yamasaki
  - Account Technical Team
    - Presales Architect: Daichi Ogawa
    - A&PS Architect:
    - MS Architect:
  - Account Manager: Akiko Fukada
  - Executive Sponsor(s):

Tech Lead	@Tariq Khan
PM Lead	@Dave Hawley
Engg Lead	@Rajeev S Hiremath
Technical Bureau Lead	@Jim He
CM Lead	@Stuart Ladd
Last updated	16 Sep 2024
Deal Status	PURSUIT
Review Status	1ST REVIEW
Approval Status	PENDING

Text in italics is example and needs to be updated

1. High Level Scope and Details

1.1. Background

End of life Nutanix environment with around 50-70 NX servers and would like to be able to leverage the upcoming PCE-SP offering.

2. PCE Scope & Details

- **PCE Services Utilized**
  - VMaaS: Yes
- **Solution Overview**
  - Will start with verification instance and order production instance at successful completion
  - **New Standard Elements which are not yet PCE GA features** (need to be investigated & confirmed)
    - 1st PCE-SP use case (Secom as Morpheus master tenant, their customers as sub-tenants)
      - HPE Services (CSP) to operate the environment, but SECOM will manage the master tenant
      - Multi-tenancy design for DINO used as basis, anything beyond this will require a review and additional time
      - Expect three network integration patterns that require access from - (A) public IP space; (2) Internet VPN/SD-WAN & (3) Private IP space (bypass internet). Details available from slides 10-15 of SECOM-weekly-0820.pptx
    - 1st PCE use case that requires localization (Japanese) for Morpheus only, no expectation for GLC/PCE Console to be localized.
      - SP customers will access Morpheus directly (branding, localization, & integration with SP Customer's IdP reasons)
      - Need to explore implications on GLP/DSCC
  - **On PCE / PCE Adjacent**
    - Veeam (A&PS to design & deploy)
- **Critical Items for Success**
  - Need to be able to provide a budgetary quote by end-of-July (SSET) and final verification quote by end-of-August.
  - Need to be able to release PCE-SP (multitenancy) by Dec, 2024 for Jan 2025 deployment.
  - Confirm whether latency issues are a concern for Japan deployments of PCE.

3. Integrations

- Morpheus / CMP Integrations
  - Veeam
- ITSM
  - SP's ITSM for delivery
  - Confirm - CSP managed from Bangalore. Will the Japan ServiceNow instance be used? Appropriate integration required.
  - Use Japan ITOC for language support
- Network
  - Uplinks: 100GbE x 8; 10GbE x 4
    What are 10GbE used for?
- IAM - need to identify SECOM and end customer identity system requirements
- Image Management - TBD
- Workload Migration - none known
- VMaaS Cluster Layout - TBD, likely single cluster

4. Collateral & Links

- PC Engineering | Customers | Secom Trust
  - GLPCE-STS-Schedule-240710.pptx
  - PCE Non-standard details | Secom
- PCE Customer Builds | Secom Trust

5. Timeline

- Verification Instance
  - Order: Oct-2024
  - Onsite deployment starts: Jan-2025
  - PCE go-live date: Feb-2025
  - Verification complete: Mar-2025
- Production Instance
  - Order: Apr-2025
  - PCE go-live date: Jul-2025
  - Customer go-live: Oct-2025

- Open Questions
  Says not co-managed like PCE-SP, but says SECOM will be the master tenant owner and their customers will be sub-tenant owner and contributor - @Dave Hawley
  Confirm if this will be delivered using BLR or Japan CSP delivery center and ServiceNow instance - @Dave Hawley
  Confirm implications of using US based PCE Console with Japan based ServiceNow & PCE deployment.
  Finalize test cases / success criteria by the end-Oct - @Daichi Ogawa

6. Site Summary

- Verification instance
  - Miro | Customer-related drawings | *customername*
  - Verification Instance (smallest instance)
    - **PCE Rack 1**
      - Networking
        - Border leaf: 2 x 8325; OOBM leaf: 2 x 6300M;
      - PCE Control Plane
        - 3 x CP2a
      - Workload
        - Compute / VMaaS cluster: 4 x G3i *(64c 2.2 GHz / 1TB RAM)*
        - Storage: 1 x B2b.b
          Confirm details for smallest PCE instance
- Production Instance (10kW per rack)
  - Solution details of 40788_HPE GreenLake for Private Cloud Enterprise Data Center_Site1 (recvd 7/25)
  - **PCE Rack 1**
    - Networking
      - Border leaf: 2 x 8325; OOBM leaf: 2 x 6300M;
    - PCE Control Plane
      - 3 x CP2a
    - Workload
      - Compute / VMaaS cluster: 6 x G3i *(64c 2.2 GHz / 1TB RAM)*
      - Storage: 1 x B2b.b (184TB/270TB effective capacity)
  - **PCE Rack 2**
    - Networking
      - DSN / Leaf: 2 x 8325; DSN / Spine: 2 x 8325c
      - OOBM / Leaf: 2 x 6300M; OOBM / Spine: 2 x 8360 FX
    - Workload
      - Compute Servers / VMaaS cluster: 9 x G3i
  - **PCE Rack 3**
    - Networking
      - DSN / Leaf: 2 x 8325; OOBM Leaf: 2 x 6300M;
    - Workload
      - Compute / VMaaS: 11 x G3i
  - **Non PCE Rack 4**
    - Networking
      - DSN / Leaf: 2 x 8325; OOBM Leaf: 2 x 6300M
    - Workload
      - Compute / VMaaS: 6 x G3i
  - ***Non PCE Rack 5 (Backup)***
    - *Networking*
      - *DSN / Leaf: 2 x 8325; OOBM Leaf: 2 x 6300M*
    - *Compute / Storage / Backup Target*
      - <>

customer-summary current-customer