VMware Carbon Black Cloud Deploy and Consume Professional Federal

Service Overview
The VMware Carbon Black Cloud Deploy and Consume Professional service assists you with the sensor deployment strategy, administration console UI walkthrough, policy/rules review, best practices on alerts tuning, Audit and Remediation usage, and threat intelligence/watchlists, from pilot to production.

The implementation will follow a phased approach with phases defined as follows: 1) Plan, 2) Execute, and 3) Close.

Services include configuration and sensor deployment best practices for one (1) Customer’s VMware Carbon Black Cloud instance via knowledge transfer workshops for up to 20,000 Carbon Black endpoints and virtual workloads.

Estimated Schedule
Professional services are performed during normal business hours and workdays (weekdays and non-holidays). T&E for any on-site portion of the engagement to be purchased separately.

Project Scope
• Carbon Black Cloud Endpoint Sensor Deploy (up to 200)
• Workload appliance Deploy (up to 10) (if applicable)
• Containers protection Deploy (up to 10) (if applicable)
• Admin Console Setup (1)
• WebUI Walkthrough on purchased features
• Policies, rules and alerts triage (up to 100)
• UEX Intro

Responsibilities
All supplier and Customer responsibilities are listed in the Deliverables section. The ownership is defined as follows:

• VMware: VMware is responsible for delivery, with minimal assistance from the Customer’s project team.
• Joint: VMware and the Customer’s project team are jointly responsible for delivery.
• CUSTOMER: The Customer is responsible for delivery, with minimal assistance from VMware.

Deliverables
<table>
<thead>
<tr>
<th>ID</th>
<th>DESCRIPTION</th>
<th>TOOL/DELIVERABLE</th>
<th>PRIMARY OWNER</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHASE 1: PLAN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>Kick-Off Meeting</td>
<td>Solution Overview presentation</td>
<td>Joint</td>
<td>Initial meeting to discuss project scope, objectives, impact assessment, and teams</td>
</tr>
<tr>
<td>1.2</td>
<td>Review Datasheet</td>
<td>-</td>
<td>CUSTOMER</td>
<td>Understand service assumptions, scope, and completion criteria</td>
</tr>
<tr>
<td>1.3</td>
<td>Review Pre-Installation Requirements</td>
<td>Operating Environment Requirements (OER) document</td>
<td>Joint</td>
<td>Minimum system requirements</td>
</tr>
<tr>
<td>1.4</td>
<td>Review Change Management Strategy</td>
<td>-</td>
<td>CUSTOMER</td>
<td>Customer determines a change management process for agent testing and installation</td>
</tr>
<tr>
<td>PHASE 2: EXECUTE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td>Pilot Deployment</td>
<td>Deploy up to two hundred (200) Carbon Black Cloud sensors</td>
<td>CUSTOMER</td>
<td>Customer defines an end-user communication plan for pilot user community</td>
</tr>
<tr>
<td>2.2</td>
<td>Register Appliance in the vCenter Server (if applicable)</td>
<td>Deploy up to ten (10) Carbon Black Cloud Workload appliance</td>
<td>Joint</td>
<td>Generate the API ID and key to establish connection between appliance and Carbon Black Cloud</td>
</tr>
<tr>
<td>2.3</td>
<td>Kubernetes Cluster Operator(s) (if applicable)</td>
<td>Deploy up to ten (10) Kubernetes Cluster Operator(s)</td>
<td>Joint</td>
<td>Assist with deployment of Kubernetes Cluster Operator(s) (if applicable)</td>
</tr>
<tr>
<td>2.4</td>
<td>Configuration Assistance</td>
<td>Create up to one hundred (100) policies and/or rules</td>
<td>Joint</td>
<td>Assist analyzing event data, define reputation rules, behavioral rules, and permission rules</td>
</tr>
<tr>
<td>2.5</td>
<td>Product Adoption Document</td>
<td>Product adoption guide</td>
<td>VMware</td>
<td>High-level operational guide</td>
</tr>
<tr>
<td>2.6</td>
<td>Production Deployment</td>
<td>Deploy remaining Carbon Black Cloud sensors</td>
<td>CUSTOMER</td>
<td>Customer deploys solution to production endpoints</td>
</tr>
</tbody>
</table>
2.7 | Alerts and Unexpected Blocks | Review and triage up to one hundred (100) alerts and unexpected blocks | Joint | Assist with alert notifications and triage

2.8 | Alerts Investigation | Investigate alerts and provide improvement plan | VMware | Access to customer cloud Instance to investigate alerts and provide improvement plan (upon customer’s approval)

**PHASE 3: CLOSE**

3.1 | Customer Support Transition | Project closure email | VMware | Transition to support

**Completion Criteria**
The project is deemed complete upon the Customer’s acceptance of all Deliverables identified in the table above.

**Out of Scope**
The following are the out of scope items for this project.

**General**
- Installation and configuration of custom or third-party applications and operating systems on deployed virtual machines
- Operating system administration including the operating system itself or any operating system features or components.
- Management of change to virtual machines, operating systems, custom or third-party applications, databases, and administration of general network changes within the Customer’s control.
- Remediation work associated with any problems resulting from the content, completeness, accuracy, and consistency of any data, materials, or information supplied by Customer.
- Installation or configuration of VMware products not included in the scope of this document.
- Installation and configuration of third-party software or other technical services that are not applicable to VMware components.
- Configuration of VMware products used for the service other than those implemented for the mutually agreed to use cases.
- Customer solution training other than the defined knowledge transfer session.

**Carbon Black Cloud**
- Remediation/removal of unauthorized, malicious, or unwanted files.
- Investigation and analysis of potential malware and threats.
- Configuring more than one administration console.
- Building of custom scripts or feeds.
- Performing custom threat feed configuration.
• Customer solution training other than the defined in scope services.
• Developing custom documentation.
• Troubleshooting integration or infrastructure issues when deemed to be non-Company product issues.
Service Assumptions

CUSTOMER RESOURCES: Should the Customer request VMware to perform tasks that are dependent upon Customer resources or decisions, the Customer will make such resource available or decisions final in a timely manner.

HARDWARE PROCUREMENT: Procurement and installation of hardware is the responsibility of the Customer. VMware will provide recommendations and assistance.

WORKING HOURS: Engagements that require consultants to work in excess of 40 hours per week, to work on weekends or major national holidays and/or to travel outside of this schedule will be considered exceptions to this policy and will be reviewed and approved by VMware and the Customer as required.

PREREQUISITES: Pre-requisites must be completed for all installation components before any installation activities will be performed. Should the Customer not purchase the associated software for deployment, the services deliverable line items associated with those software components will not be delivered.

PROJECT MANAGEMENT: VMware and the Customer’s project management will work closely together to ensure that project scope remains consistent and issues are resolved on a timely basis.

DELIVERABLE LANGUAGE: All work, documentation and work product(s) will be provided in English.

USE-CASE SCOPE: The scope of the use-cases will be considered locked upon completion of Deliverable 1.1 (See Deliverables section above) and will be delivered within a single production deployment phase. Any alteration to the use-case scope thereafter may necessitate a change request.