ConsoleFlow™ Checklist - External

Customer: _____	Location: _____
Name: _____	Deployment Schedule: _____

Revision History

Date	Revision	Signature	Comments
8/24/2018	A		Initial version for ConsoleFlow 1.0 On-Premise
8/28/2018	A1		Added ConsoleFlow Mobile Application Check List
6/27/2019	B		Updated mobile application checklist and other details
8/6/2019	C		Updated for ConsoleFlow 1.6 release. Updated system requirements and made wildcard optional for DNS entries and SSL certificate.
8/7/2020	D		Updated system requirements

Welcome to ConsoleFlow On-Premise. Please review the system requirements for ConsoleFlow On-Premise carefully with your assigned Lantronix FAE. Lantronix FAEs and Tech Support staff will work with you to complete the checklist below. VMware ESXi installed at customer site and access available.

Table of Contents

Pre-Deployment Checklist

Pre-Deployment Check List

1. **System Requirements**

    - ❏ VMWare ESXi Firewall
        - ❏ Access to **Incoming** HTTPS Port 443 is allowed
        - ❏ Access to **Incoming** SSH Port 22 is allowed
        - ❏ Access to **Outgoing** SMTP Port 25, 465, 587, or 2525 is allowed
    - ❏ Identify Customer VMWare ESXi version (select one)
        - ❏ Version 6.0
        - ❏ Version 6.5
        - ❏ Version 6.7
    - ❏ Identify Customer VMWare vCenter version
        - ❏ Version 6.7
    - ❏ Identify Customer VM image to load (select one)
        - ❏ ConsoleFlow VM image is SHA-1 encrypted (required for ESXi 6.0 only)
        - ❏ ConsoleFlow VM image is SHA-256 encrypted (required for ESXi 6.5 or 6.7)
    - ❏ Identify Customer VMWare OVF Tool (select one)
        - ❏ Version 4.2.0
        - ❏ Version 4.3.0
        - ❏ Version 4.4.0
    - ❏ Customer is using Virtual Cores on Intel i7 Server
        - ❏ 4 Virtual Cores or more
    - ❏ Customer Hardware RAM Size
        - ❏ 32 GB RAM or more
    - ❏ Customer Hardware Hard Disk Space
        - ❏ 256 GB or more
    - ❏ Customer NFS File System (select all that apply)
        - ❏ Version 4.0
        - ❏ 20 GB minimum storage or more for storing data and configuration (Required)
    - ❏ Customer Drive (select one)
        - ❏ HDD
        - ❏ SSD (Highly Recommended)
    - ❏ Customer Virtual Network Interface
        - ❏ One (1) Virtual Network Interface allocation to ConsoleFlow Virtual Machine

2. **Customer to define method to download the ConsoleFlow VM image (select at least one)**

❑ Download from external network drive in the Cloud (e.g. Microsoft OneDrive Preferred)
❑ External network hard disk drive On-Premise; (e.g. Mount NFS File System)
❑ USB stick – Type A
❑ USB stick – Type C
❑ Other (Specify _____)

3. **ConsoleFlow VM image network configuration**

❑ Network IP Address (select one)
   ❑ Static (Highly Recommended. If selected, complete list below.)
      ❑ IP Address _____ .
      ❑ Subnet Mask _____ .
      ❑ Gateway IP Address _____ .
      ❑ DNS IP Address _____ .
   ❑ DHCP
❑ SSL Certificates
   ❑ Using wildcard certificate or SAN specific domains certificate?
      ❑ If wildcard certificate,
         ❑ SSL Certification
         ❑ Certification Authority (CA)
         ❑ RSA Private Key
      ❑ If SAN SSL certificate, include Subject Alternative Name (SAN) section with list of specific subdomain hostname entries. Replace <FQDN> with customer's chosen fully qualified domain name (FQDN).
         ❑ <FQDN>
         ❑ account.<FQDN>
         ❑ admin.<FQDN>
         ❑ consoleflow.<FQDN>
         ❑ mqtt.<FQDN>
         ❑ api.<FQDN>
         ❑ socket-cluster.<FQDN>
         ❑ docs.<FQDN>
   ❑ Customer share a copy of their SSL cert, CA, and private key to the FAE
   ❑ Allowed to run SSL session into their VMWare
   ❑ Allowed to copy and paste Certificates into the SSH session
   ❑ Network Firewalls
      ❑ Access to Incoming HTTPS Port 443 is allowed

- ❑ Access to Incoming SSH Port 22 is allowed
- ❑ Access to Outgoing SMTP Port 25, 465, 587, or 2525 is allowed
- ❑ Customer records details about Spam filtering in place; email spam folder, Office 365 quarantine filter, etc.
- ❑ Customer to add our email to approved senders list (whitelist)
  - ❑ noreply@consoleflow.com
  - ❑ noreply@gomach10.com
- ❑ Configure Fully Qualified Domain Name (FQDN)
  - ❑ Using wildcard DNS record? Yes/No
    - ❑ If Yes, add a DNS record for the FQDN (e.g. xyz.com) and add a wildcard DNS record for the FQDN (e.g. *.xyz.com).
    - ❑ If No, add a DNS records for the list of hostname entries. Replace <FQDN> with customer's chosen FQDN.
      - ❑ <FQDN>
      - ❑ account.<FQDN>
      - ❑ admin.<FQDN>
      - ❑ consoleflow.<FQDN>
      - ❑ mqtt.<FQDN>
      - ❑ api.<FQDN>
      - ❑ socket-cluster.<FQDN>
      - ❑ docs.<FQDN>