

GUARDDOG AI DCX Container Installation & Configuration Requirements

Hardware Requirements:

1. **ISP Router or Equivalent:** While the Container monitors traffic from the network switch, it requires an active internet connection (usually provided by an ISP router or equivalent device) for communication with external services, registration, and other functionalities.
2. **Active Internet Connection:** Ensure a reliable internet connection is available. This is crucial for the Container to register and maintain a continuous data flow with the DCX Dashboard.
3. **Network Switch:** This is essential for the Container to monitor local traffic. Ensure the switch supports port mirroring for the Container to detect and contain network level attacks in real time.
4. **DCX Container:** Ensure that the Container is deployed on a supported Operating System, and that it has the necessary connectivity and visibility on the network as required.

Network Configuration:

1. **Switch Port Configuration:** can be deployed on a Layer 2 or Layer 3 switch port and configure accordingly.
2. **Port Mirroring:** The Container is to monitor network traffic passively, consider setting up a mirrored port (SPAN) on your switch.
3. **Physical Installation:** Ensure the Container, if using dedicated hardware, is properly deployed on said hardware, and make sure it has the necessary power and cooling.
4. **Connectivity:** Ensure necessary network cables are available and connect the Container and the hardware that is deployed on to the network.
5. **Firewall Configuration:** Ensure that the specific domains and protocols are allowed through the firewall as listed in the Firewall document, and allowed through any firewalls or security groups in the network

environment to ensure the Container can communicate effectively with the required external services.

6. **Network Environment:** The Container is designed to work on a DHCP-enabled network, ensuring that your network supports DHCP before initiating the installation process.

Additional Configuration and Setup:

7. **Account Registration:** An active account and license are necessary for deploying the container and connecting it to the DCX Dashboard. If you have not already, visit the provided URL to register and validate your account, and then request a license through support@guarddog.ai
8. **Container Registration:** With an active account, deploy the container following the steps in the installation guide. The Container will automatically register on your account.
9. **DCX Dashboard Familiarization:** Once registered, take some time to familiarize yourself with the dashboard – understanding key indicators, vulnerability reports, network activity, and more.
10. **Troubleshooting:** Keep a list of common troubleshooting steps and solutions handy in case any issues arise during or after the installation process.

Conclusion:

Thank you for choosing GUARDDOG AI DCX Solution to bolster your network's security. Should you encounter any challenges or have additional questions, refer to the full manual or contact the support team for assistance via email at support@guarddog.ai.