



INTRADYN™
Archiving and eDiscovery Innovation

Getting Started With Email Archiving

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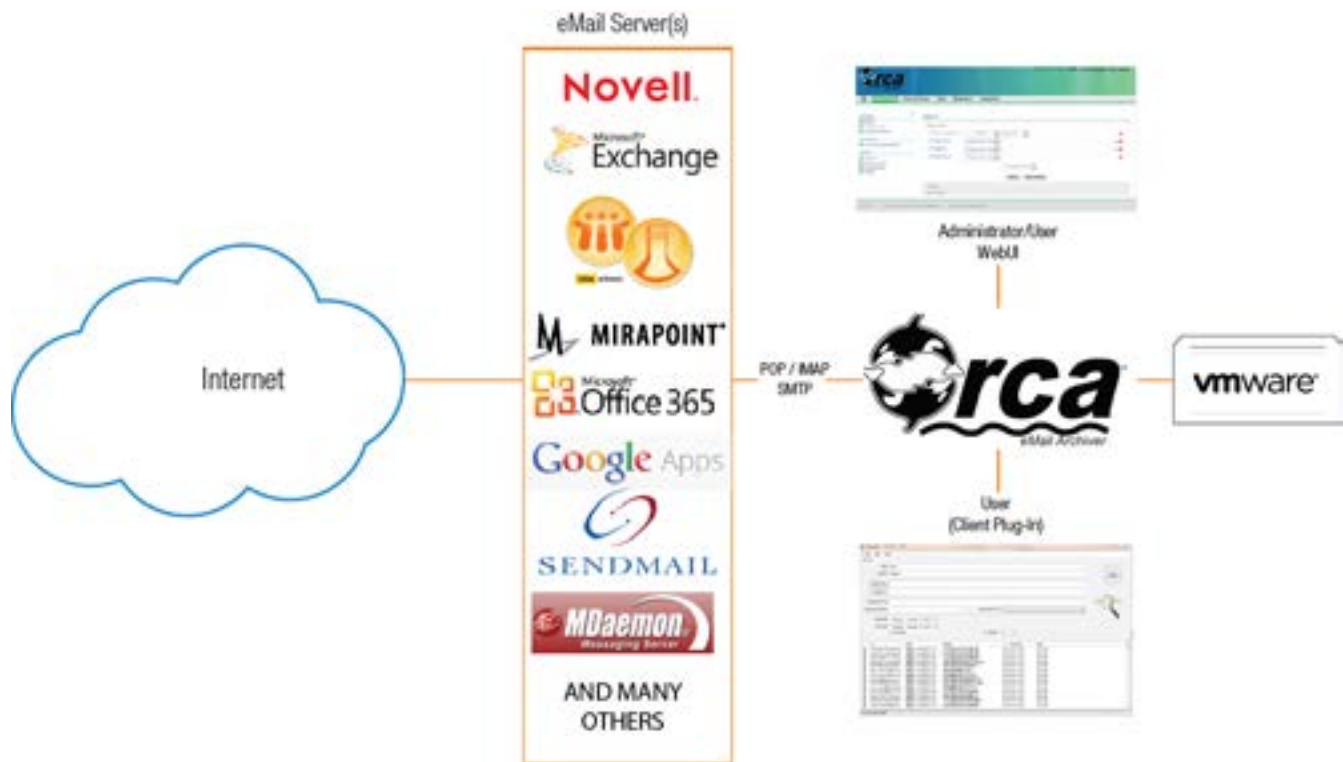
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Introduction

This guide includes conceptual information regarding OrcaVM architecture and the archival process, as well as procedural steps on how to assign IP addresses to the appliance and a supported email server (e.g., Lotus Domino, Microsoft Exchange Server, etc.) using the OrcaVM console.

Understanding OrcaVM Archiving

OrcaVM passively and discretely copies all messages sent or received within an organization, indexes them, and places them into a specified archive. The appliance integrates easily into any virtually any existing email server's environment.



Messages from an email server are stored on the OrcaVM's assigned storage partition. OrcaVM's search capabilities allow users to discover messages based on sender, recipient, subject, keyword, date range, and other criteria. All actions by users, administrators, or by the appliance itself are recorded in a secure audit log. For more information, see the OrcaVM online help.

Deployment Procedure

In order to properly deploy an OrcaVM appliance within your environment, you must complete the following configuration tasks:

- Enter the OrcaVM Product Key.
- Assign an IP address to the OrcaVM appliance.
- Configure your email server for OrcaVM archiving.

Complete the configuration on the OrcaVM appliance:

- Set up the OrcaVM to get email from the email server.
- If you are running Exchange 2007/2010, and are sending journal messages to a valid, enabled mailbox, you must configure an IMAP fetcher.
- If you are running Exchange 2007/2010, and are sending journal messages to a mailbox-enabled contact, you do not need to configure an IMAP fetcher and can proceed to configure additional configuration options on the OrcaVM and verify the overall environment.

Verify that messages are downloading successfully to the OrcaVM.

Create user accounts and configure additional options.

(Optional) Install any necessary email client tools.

How to Enter the Product Key

Login to the Orca virtual machine from console:

User: cliadmin

Password: ChangeMe

```
login as: cliadmin
Using keyboard-interactive authentication.
Password: [ ]
```

IP address: press "1" to find IP address

```
Configuration Utility
Fri Jul 13 15:13:41 UTC 2012

- (MAIN)
1) View Current Network Setting (and Start/Stop SSHD)
2) Setup DHCP
3) Setup Static IP
4) Network Diagnostic Tools (Ping/Traceroute)
5) System Diagnostic Tools (CPU/Disk)
6) Change Password
7) Power Control (Reboot/Shutdown)
8) Security Reset Options
0) Quit
Your Choice? [0-8] |>
```

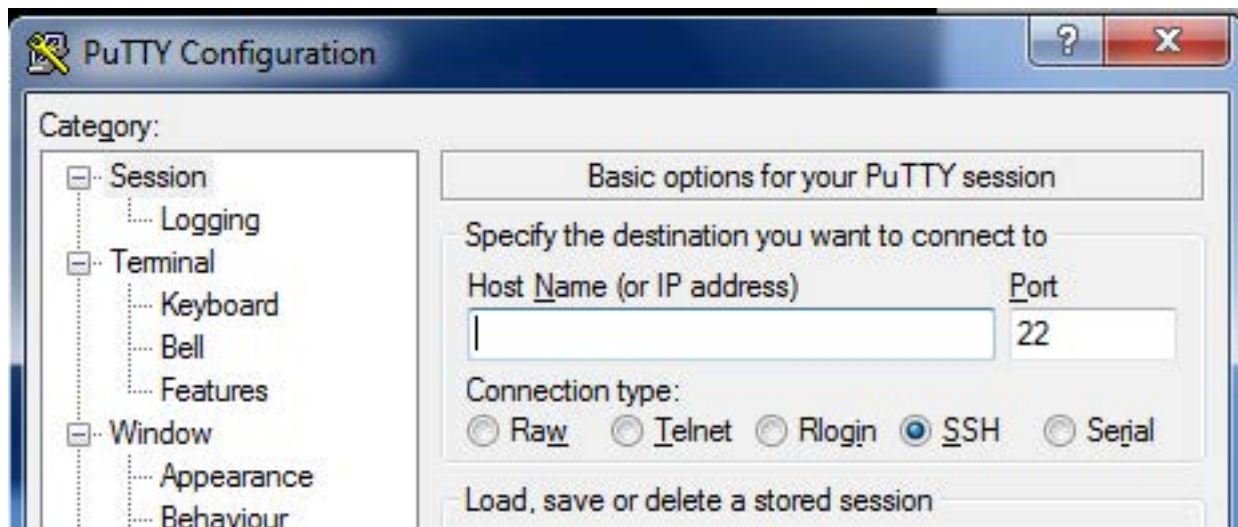
Start SSHD by pressing "1"

```
SSH

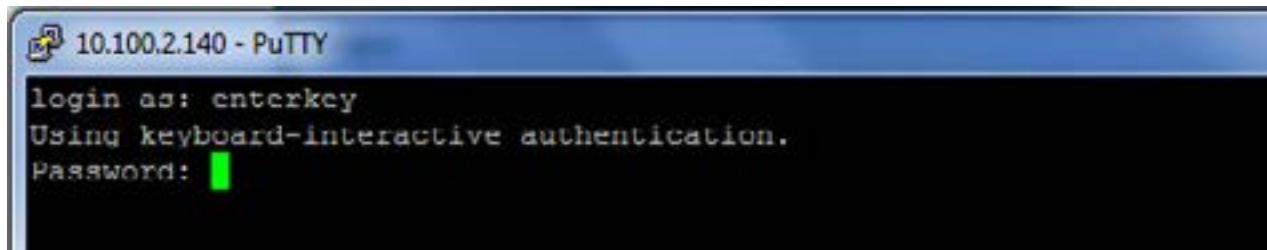
* status: started
- (Actions)
1) Start/Restart
2) Stop
0) Quit
```

Logout of the console.

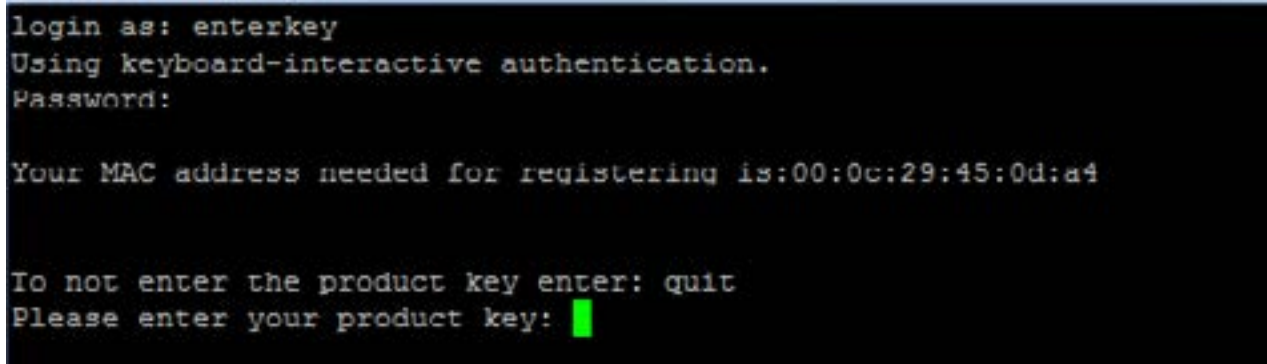
Use putty or something similar to login to the Orca virtual machine



Login with enterkey
Username: enterkey
Password: enterkey



```
10.100.2.140 - PuTTY
login as: enterkey
Using keyboard-interactive authentication.
Password: █
```



```
login as: enterkey
Using keyboard-interactive authentication.
Password:

Your MAC address needed for registering is:00:0c:29:45:0d:a4

To not enter the product key enter: quit
Please enter your product key: █
```

Copy and paste the RazorSafe key. The key will look something like this
Key: 1INT9WWLNNXQ3DX7H9PH3XXK2B6AD



```
login as: enterkey
Using keyboard-interactive authentication.
Password:

Your MAC address needed for registering is:00:0c:29:45:0d:a4

To not enter the product key enter: quit
Please enter your product key: 1INT9WWLNNXQ3DX7H9PH3XXK2B6AD █
```

Logout.

Assigning IP Addresses

The OrcaVM appliance and email server (e.g., Microsoft Exchange Server, etc.) must be network-connected before you can begin configuration. By default, OrcaVM obtains its IP address dynamically from the DHCP (Dynamic Host Configuration Protocol) server. If your site has a DHCP server, you could use it to assign an IP address to the OrcaVM appliance, but this is not recommended.

Intradyn recommends assigning the IP address manually, so it always remains the same, regardless of DHCP service.

To assign IP addresses properly for the OrcaVM, complete the following steps:

- Obtain a previously unassigned IP addresses for the OrcaVM.
- Assign the new IP address to the OrcaVM. Follow the next section carefully to manually set the IP address.

Once set, if you alter the OrcaVM's IP address, you must reboot the appliance to make the change effective.

Manually Assigning an IP Address (Console)

Access the Orca's console through the VMware console.

In the console, log in as administrator: `orcadmin`, using password: `ChangeMe` at the prompt.

After login, the configuration utility appears.

```
+-----+
|           Configuration Utility           |
| Tue Aug 17 10:53:47 UTC 2010            |
+-----+
|
| - {MAIN}
| 1) View Current Network Setting (and Start/Stop SSHD)
| 2) Setup DHCP
| 3) Setup Static IP
| 4) Network Diagnostic Tools (Ping/Traceroute)
| 5) System Diagnostic Tools (CPU/Disk)
| 6) Change Password
| 7) Power Control (Reboot/Shutdown)
| 8) Security Reset Options
| 0) Quit
|
| Your Choice? [0-8] |> █
```


Choose option 3, Set up Static IP

Next, if you plugged the ethernet cable into port 0, choose 1 (eth0).

At the prompt, type in the following information:

- IP address assigned to the OrcaVM
- The prevailing netmask, such as 255.255.0.0
- Default gateway for this subnet; the first few octets should be the same as for the OrcaVM's IP address
- Fully-qualified domain name (FQDN) of the OrcaVM
- IP address of a DNS server (i.e., Nameserver)

Type "y" to confirm your changes.

Finally, choose option 1 to review all the network settings.

Make sure you follow the procedures for your respective email server to continue and conclude configuration.