OC Concept Map

Research

# **Topic A: Application Software**

* Is the best enterprise operating system for the Oracle Database and Java applications.
* Written in C and C++
* Platforms include: SPARC, x86-64, IA-32 and PowerPC
* Default user interface is GNOME (GNOME is a free and open source desktop environment for Unix-like operating systems.
* Language support enhancements include: Improved data interoperability, New TrueType Fonts, Expanded Unicode support, Printer Filter Enhancement - the MP Program
* Solaris Oracle is a proprietary software meaning it is impossible to access freely to its source code so there is no way for third party applications to modify its code.

# **Topic B: Hardware:**

* There are only two hardware requirements for Solaris oracle to run and those requirements are it need a disk space of at least 2 GB to a high of 6 GB (the required disk space will differ depending on the operating system packages selected.)
* The second hardware requirement is the memory must be over 1.5 GB (The memory requirement will vary due to the selected package.)

# **Topic C: User Interface:**

* The user interface displays a consolidated view of the physical and virtual managed resources in your data centers
* You Can view dashboards, graphs and charts for a high level view of managed assets
* Information and tasks are organized in the left Navigation pane
* . Expand a section to see the available options and view details in the center pane.
* The Jobs pane on the bottom of the page provides details about operations that are scheduled, in progress, and completed.

# **Topic D: Device Management:**

There are many features in oracle that provide device management like:

* Device drivers
* Automatic configuration of devices
* Display of device configuration information
* The resolving of faulty devices.

# **Topic E: Security:**

* Oracle solaris is optimized to secure your data, simplify the system and application lifestyle, and streamline your cloud journey.
* Oracle solaris combines the power of industry standard security features with unique security and anti-malware capabilities.

Oracle solaris:

* Provides a more secure enterprise cloud
* Provides a more secure application lifecycle
* Provide more compliance infrastructure
* Provides a more secure application
* Provides a more secure infrastructure
* Is an assured and tested low risk platform

# **Topic F: Network Connectivity:**

* In the current model of the network stack, interfaces and links on the software layer build on the devices in the hardware layer. More specifically, a hardware device instance in the hardware layer has a corresponding link on the datalink layer and a configured interface on the interface layer.
* This one-to-one relationship among the network device, its datalink, and the IP interface is illustrated in the figure that follows.
* Network interfaces provide the connection between the system and the network. These interfaces are configured over datalinks, which in turn Hcorrespond to instances of hardware devices in the system.

Oracle Solaris Mind Map link: https://www.mindomo.com/mindmap/fdad4109a87e4a4b8f1682f289ba618b