



ORACLE 1Z0-580

Oracle Solaris Installation and Configuration Essentials Certification
Questions & Answers

Exam Summary – Syllabus – Questions

1Z0-580

**Oracle Solaris 11 Installation and Configuration Certified Implementation
Specialist**

74 Questions Exam – 67% Cut Score – Duration of 120 minutes

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Know Your 1Z0-580 Certification Well:

The 1Z0-580 is best suitable for candidates who want to gain knowledge in the Oracle Solaris 11 Administration. Before you start your 1Z0-580 preparation you may struggle to get all the crucial Solaris Installation and Configuration Essentials materials like 1Z0-580 syllabus, sample questions, study guide.

But don't worry the 1Z0-580 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 1Z0-580 syllabus?
- How many questions are there in the 1Z0-580 exam?
- Which Practice test would help me to pass the 1Z0-580 exam at the first attempt?

Passing the 1Z0-580 exam makes you Oracle Solaris 11 Installation and Configuration Certified Implementation Specialist. Having the Solaris Installation and Configuration Essentials certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Oracle 1Z0-580 Solaris Installation and Configuration Essentials Certification Details:

Exam Name	Oracle Solaris 11 Installation and Configuration Essentials
Exam Code	1Z0-580
Exam Price	USD \$245 (Pricing may vary by country or by localized currency)
Duration	120 minutes
Number of Questions	74
Passing Score	67%
Format	Multiple Choice Questions (MCQ)
Recommended Training	Oracle IT Infrastructure Learning Subscription Unlimited Learning Subscription - All Technology

Schedule Exam	Pearson VUE
Sample Questions	Oracle Solaris 11 Installation and Configuration Certified Implementation Specialist (OCS)
Recommended Practice	1Z0-580 Online Practice Exam

1Z0-580 Syllabus:

Solaris 11 Overview	<ul style="list-style-type: none"> - Identify the Solaris 11 Product - Describe Oracle Solaris 11 and where Solaris fits into Oracle's strategy - Describe the benefits for providing solutions on an integrated stack - Describe the key customer value propositions for the Solaris solutions - Describe the configuration and usage options that are available to customers for Oracle Solaris 11
Solaris 11 Installation	<ul style="list-style-type: none"> - Identify the key items needed for planning a system's initial configuration - Explain S11 OS installation and upgrade options for x86 and SPARC systems, including installation media, custom, network, and automated installations - Perform an OS installation from CD / DVD for Solaris 11 on SPARC, x64 and x86 based systems - Describe basic installation troubleshooting steps
Perform System Boot and Shutdown procedures for T-Series, M-Series, x86	<ul style="list-style-type: none"> - Describe the boot and shutdown processes on x64 and SPARC Oracle systems, including BIOS/OBP, GRUB, and Solaris Service Management Facility (SMF) - Perform a boot, shutdown, and reboot on an x64 and SPARC Oracle system - Perform a network boot on an x64 and SPARC Oracle system - Control the default boot behaviors of x64 and SPARC Oracle systems, including changing BIOS/GRUB/OBP to manipulate the default boot device, Solaris boot flags/levels, and driver configurations - Create and manage ZFS boot environments - Troubleshoot a system boot and shutdown
Solaris 11 Software Management	<ul style="list-style-type: none"> - Describe key differences between managing software in S10 vs S11 - Explain key components of S11 Image Packaging System (IPS) subsystem - Manage S11 Boot Environments - Manage IPS repositories from command-line and GUI tools - Inventory installed packages, using both command-line and

	<p>GUI tools</p> <ul style="list-style-type: none"> - Perform package administration including package installation, removal, updates, and re-configuring to use a non-default package repository, using both the CLI and GUI interfaces - Set up a local IPS repository - Perform a full upgrade for an x86 or SPARC platform, for the latest or targeted software releases
<p>Solaris 11 Networking</p>	<ul style="list-style-type: none"> - Understand the key network administration differences between S10 and S11 - Describe the key items needed for planning a system's network configuration, like hostname, subnets, name, and name services - Explain Solaris 11 automatic and static network configuration options, including NWAM, NCPs - Implement a system's network configuration, including hostname, data links, static and DHCP Ipv4/IPv6 addresses, link aggregations, IPMP links, VLANs, and VNICs - Implement advanced network configurations, like bridges, routers, flow controls, tunnels, and Integrated Load-Balancers - Show, set, and unset link properties including (1) duplex, (2) link protection (anti- spoofing), and control network bandwidth
<p>Solaris 11 Technical Overview</p>	<ul style="list-style-type: none"> - Define the features of Oracle Solaris 11 and the value of the feature in technical terms - Describe the key design elements that differentiate this product from other operating systems - Map product features, capabilities, and benefits to customer business needs and requirements - Identify the key differences between Solaris 10 and Solaris 11 - Explain how to move a workload from Solaris 10 to Solaris 11
<p>Solaris 11 Advanced Installation Procedures</p>	<ul style="list-style-type: none"> - Explain the Automated Installer (AI) including boot, identification, configuration, installation services, local repositories, and zones, including AI manifests - Configure an AI server setup including implementing an AI server and a local package repository - Perform a Live Upgrade Update - Describe the network boot process of an x86 or SPARC system - Create a custom first-boot script - Troubleshoot AI installation issues - Perform an automated installation for a physical system and a non-global zone, for both X64 and SPARC Oracle systems - Validate an installation and ensure that it is working correctly using existing Solaris 11 tools like vmstat, top, prstat, etc. - Explain and demonstrate how to add, remove, and modify user accounts/roles and assign authorizations, rights or privileges to

	<p>those accounts/roles.</p> <ul style="list-style-type: none"> - Explain and demonstrate the Solaris 11 OS out of the box network security posture (Secure by Default) and how to set/change the default setting (e.g., netserives, svcadm, etc.)
<p>Manage File Systems and Storage</p>	<ul style="list-style-type: none"> - Explain disk architecture including the ZFS file system capabilities and naming conventions for devices for SPARC, x64 and x86 based systems - Use the prtconf and format commands to list devices, explain critical issues of the /etc/path_to_inst file and reconfigure devices by performing a reconfiguration boot or using the devfsadm command for SPARC, x64 and x86 based systems - Given a scenario, configure a set of disks for use as a ZFS zpool on x86 and SPARC systems, including management of SMI and EFI labels - Explain how to create a file system in an existing zpool as well as how to set specific parameters on the file system like delegated administration, quotas, compression, de-duplication, ACLs, and encryption - Describe snapshots, clones, replication, and their usage with the ZFS filesystem - Create shares and LUNS from a ZFS file system - Given a scenario, configure boot disks for use as a ZFS pool
<p>Solaris 11 Virtualization</p>	<ul style="list-style-type: none"> - Explain consolidation issues, features of Solaris zones, and distinguish between the different zone concepts including zone types, daemons, networking, command scope - Given a scenario, create a Solaris zone - Given a zone configuration scenario, identify zone components, including network components, privileges, resource requirements, and integrity policy - Use the zonecfg, dladm and ipadm commands to view and configure the zone, including privileges, delegated administration, optional file systems and virtual network devices - Given a scenario, use the zoneadm command to view, install, boot, halt, reboot, and delete a zone

Oracle 1Z0-580 Sample Questions:

Question: 1

You are working on a system that appears to be hanging during the boot process. Which would be the best course of action for determining which step in the boot process might be causing the issue?

- a) Boot the system into single user mode, run `ps -ef` to determine processes that are not running
- b) Boot the system into the “none” milestone, enable all services, then run `svcs -a` to determine the state of your services, as well as check for error messages in `/var/svc/log`
- c) Boot the system, disable all services using the “`svcs disable all`” command, reboot and bring up each service individually.
- d) Interrupt the boot process before services are started with Stop-A or `<CTRL><ALT><DELETE>`.
- e) Perform an interactive boot, and disable services as they request startup.

Answer: b

Question: 2

What are the three properties of a business critical cloud infrastructure?

- a) service isolation
- b) flexible, virtual application instances
- c) dedicated, single purpose file servers
- d) easy, intuitive provisioning, chargeback, and capacity planning
- e) rigid, inflexible network design

Answer: a, b, d

Question: 3

Which line would you want to remove in the GRUB’s menu to prevent an automatic installation from commencing when booting from CD or DVD, but without intentions of installing?

- a) `install=default`
- b) `install=true`
- c) `install=always`
- d) `install=yes`
- e) `install=now`

Answer: b

Question: 4

After installing an Oracle Solaris 11 system, you execute the following command to create a data set into which several non-global zones will be installed:

```
# zfs create -o encryption=on -o dedup=on -o compression=on rpool/myzones
```

Enter passphrase for 'rpool/myzones':

Enter again:

What impact will this command have on any zones installed under this ZFS data set?

- a) The zones will have encrypted swap and /tmp file systems.
- b) The zones will not permit any move or clone operations.
- c) The zones will be required to be "Solaris" brands only.
- d) The zones will cache the encryption key while running.
- e) The zones will be unable to start during system boot.

Answer: e

Question: 5

You are implementing three workloads, one in each of three zones. Which five factors should you consider when configuring networking?

- a) Are VLANs in use?
- b) The quantity of physical NICs in the system.
- c) The network bandwidth needs of the workloads.
- d) Which layer 4 protocol family is in use: TCP or UDP?
- e) The range of IP addresses that each zone can use.
- f) The amount of processing capacity needed to handle network interrupts for each zone.

Answer: a, b, c, e, f

Question: 6

Which two options do you absolutely need to have in place in order to successfully customize the network installation of an Oracle Solaris 11 x86 system?

- a) two Automated Installer manifests, one for x86 systems and another one for SPARC systems
- b) an SMF system configuration profile
- c) an x86 system running Automated Installer service
- d) either a SPARC or an x86 system running Automated Installer service
- e) an Oracle Solaris 11 IPS repository hosted in your own data center

Answer: b, d

Question: 7

The command “beadm create –a solaris-test” will _____.

- a) create and activate the solaris-test boot environment but not reboot
- b) create and automatically boot the solaris-test boot environment
- c) create an archive of the solaris-test boot environment
- d) will not create a new boot environment without further information
- e) will only activate a previously defined boot environment named solaris-test

Answer: a

Question: 8

Which two actions are used to permanently configure a new interface?

- a) dladm set-linkprop mtu=1500 net2
- b) ipadm create-addr –T static –a 10.2.3.5/24 net2/v4static
- c) ipadm create-addr –a local=2ff0::f3ad/64 –T static –t net2/v6dhcp
- d) ipadm create-ip net2

Answer: b, d

Question: 9

The command “beadm create –a solaris-test” will _____.

- a) create and activate the solaris-test boot environment but not reboot
- b) create and automatically boot the solaris-test boot environment
- c) create an archive of the solaris-test boot environment
- d) will not create a new boot environment without further information
- e) will only activate a previously defined boot environment named solaris-test

Answer: a

Question: 10

What three options are features of the Oracle Solaris 11 Automated Installer?

- a) Direct reuse of Jumpstart profiles and rules
- b) Solaris 11 Zones provisioning
- c) Solaris 10 branded zone provisioning
- d) Directly bootable installation images
- e) Image Packaging System (IPS) integration

Answer: b, d, e

Study Guide to Crack Oracle Solaris Installation and Configuration Essentials 1Z0-580 Exam:

- Getting details of the 1Z0-580 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 1Z0-580 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Oracle provided training for 1Z0-580 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 1Z0-580 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 1Z0-580 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 1Z0-580 Certification

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