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Q&A

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Exam : **1Z0-820**

Title : Upgrade to Oracle Solaris 11 System Administrator

Version : DEMO

1.View the Exhibit.

```
<?xml version="1.0" encoding="UTF-8"?>
<!--

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-->
<!DOCTYPE auto_install SYSTEM "file:///usr/share/install/ai.dtd.1">

<auto_install>
    <ai_instance name="zone_default">
        <target>
            <logical>
                <zpool name="rpool">
                    <filesystem name="export" mountpoint="/export"/>
                    <filesystem name="export/home"/>
                    <be name="solaris">
                        <options>
                            <option name="compression" value="on"/>
                        </options>
                    </be>
                </zpool>
            </logical>
        </target>

        <software type="IPS">
            <destination>
                <image>
                    <!-- Specify locales to install -->
                    <facet set="false">facet.locale.*</facet>
                    <facet set="true">facet.locale.de</facet>
                    <facet set="true">facet.locale.de_DE</facet>
                    <facet set="true">facet.locale.en</facet>
                    <facet set="true">facet.locale.en_US</facet>
                    <facet set="true">facet.locale.es</facet>
                    <facet set="true">facet.locale.es_ES</facet>
                    <facet set="true">facet.locale.fr</facet>
                    <facet set="true">facet.locale.fr_FR</facet>
                    <facet set="true">facet.locale.it</facet>
                    <facet set="true">facet.locale.it_IT</facet>
                    <facet set="true">facet.locale.ja</facet>
                    <facet set="true">facet.locale.ja_*</facet>
                    <facet set="true">facet.locale.ko</facet>
                    <facet set="true">facet.locale.ko_*</facet>
                    <facet set="true">facet.locale.pt</facet>
                    <facet set="true">facet.locale.pt_BR</facet>
                    <facet set="true">facet.locale.zh</facet>
                    <facet set="true">facet.locale.zh_CN</facet>
                    <facet set="true">facet.locale.zh_TW</facet>
                </image>
            </destination>
            <software_data action="install">
                <name>pkg:/group/system/solaris-small-server</name>
            </software_data>
        </software>
    </ai_instance>
</auto_install>
```

The file came from your Automated Installer (AI) install server. The file is _____.

A. an AI SC profile for non-global zones

B. the default AI config file for non-global zones

C. the default AI manifest for non-global zones

D. a custom AI manifest

Answer: D

Explanation: ai_manifest

-Automated installation manifest file format

Synopsis /usr/share/install/ai.dtd.1 Some customizations have been made, such as the selection of specific locales.

Reference: Oracle Solaris 11 Installation Man Pages

2.The core dump configuration in your non global zone is

```
global core file pattern: /var/core/core.%f.%p
global core file content: default
init core file pattern: /var/core/pprocess/core.%f.%p
init core file content: default
global core dumps: enabled
per-process core dumps: enabled
global setid core dumps: disabled
per-process setid core dumps: disabled
global core dump logging: disabled
```

A user is running a process in a non-global zone (testzone) and the process crashes. The process information is:
user126632618017:46:42pts/20:00/usr/bin/bash
When the user's process crashes in testzone, a non-global zone, where will the core dump be saved?
A. The file will be stored in the non-global zone's directory: /var/core/pprocess/core.hash.2663.
B. The file will be saved in the global zone's directory: /var/core/core.bash.2663.
C. A core file cannot be generated in a non-global zone because it shares the kernel with the global zone.
D. The file will be stored in the global zone's directory: /var/core/pprocess/core.bash.2663.
E. The file will be saved in non-global zone’s directory: /var/core/core.bash.2663
Answer: E
Explanation: The line init core file pattern: /var/core/core.%f.%p will be used for the non-global process to determine the destination of the dump file.
Note: When a process is dumping core, up to three core files can be produced: one in the per-process location, one in the system-wide global location, and, if the process was running in a local (non-global) zone, one in the global location for the zone in which that process was running.
Reference: man coreadm

3.View the Exhibit and review the file system configuration.

Terminal

File Edit View Terminal Help

NAME	PROPERTY	VALUE	SOURCE
pool1/data2	type	filesystem	-
pool1/data2	creation	Mon Oct 24 11:49 2011	-
pool1/data2	used	18K	-
pool1/data2	available	3.91G	-
pool1/data2	referenced	31K	-
pool1/data2	compressratio	1.00x	-
pool1/data2	mounted	yes	-
pool1/data2	origin	pool1/data@now	-
pool1/data2	quota	none	default
pool1/data2	reservation	none	default
pool1/data2	recordsize	128K	default
pool1/data2	mountpoint	/data2	local
pool1/data2	sharenfs	off	default
pool1/data2	checksum	on	default
pool1/data2	compression	on	local
pool1/data2	atime	on	default
pool1/data2	devices	on	default
pool1/data2	exec	on	default
pool1/data2	setuid	on	default

Identify the correct procedure to create a file system with the same properties as the file system displayed in the exhibit
A. zfs create -o mountpoint=/data2, compression=on pool1/data2
B. zfs create -o mountpoint=/data2 -o compression=on pool1/data2
C. zfs clone -o mountpoint=/data2, compression=on pool1/data@now pool1/data2
D. zfs clone -o mountpoint=/data2 -o compression=on pool1/data@now pool1/data2

E. zfs create -o mountpoint=/data2 -o compression=on pool1/data@now pool1/data2
Answer: E

4.You display the IP Interface information with ipmpstat - i
Which two characteristics are indicated by characters that may be included in the FLAGS column?
A. default route
B. IP forwarding enabled
C. allocated to global zone
D. unusable due to being inactive
E. nominated to send/receive IPv4 multicast for its IPMP group
Answer: D,E
Explanation: The ipmpstat command concisely displays information about the IPMP subsystem. It supports five different output modes, each of which provides a different view of the IPMP subsystem (address, group, interface, probe, and target), described below.
-i
Display IP interface information (“interface” output mode).
Interface Mode Interface mode displays the state of all IP interfaces that are tracked by in.mpathd on the system. The following output field is one of the supported:
FLAGS
Assorted information about the IP interface:
i
(D) Unusable due to being INACTIVE.
s
Marked STANDBY.
m
(E) Nominated to send/receive IPv4 multicast for its IPMP group.
b
Nominated to send/receive IPv4 broadcast for its IPMP group.
M
Nominated to send/receive IPv6 multicast for its IPMP group.
d
Unusable due to being down.
h
Unusable due to being brought OFFLINE by in.mpathd because of a duplicate hardware address.
Reference: man ipmpstat

5.Before booting testzone. a non-global zone, you want to connect to the zone s console so that you can watch the boot process. Choose the command used to connect to testzone's console.
A. zoneadm -C testzone
B. zoneadm -console testzone
C. zlogin -z testzone console C
D. zlogin -z testzone -C
E. zlogin -C testzone F zoneadm -z testzone -C
Answer: E