

ID Mapping of Active Directory users with



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SSSD

is the client for FreeIPA

SSSD



freeIPA

identity | policy | audit

SSSD

Identity

Who you are

SSSD



Identity

Policy

IPA Server

Users

User Groups

Hosts

Host Groups

Netgroups

Services

DNS

Certificates

Realm Dom

USERS

Refresh Delete Add Disable Enable

<input type="checkbox"/>	User login	First name	Last name	Status	UID	Email
<input type="checkbox"/>	admin		Administrator	Enabled	747400000	
<input type="checkbox"/>	migration-test	Migration	Test	Enabled	747400013	migrat test@ migrat

Showing 1 to 4 of 4 entries.



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USER GROUPS

[Refresh](#) [Delete](#) [Add](#)

<input type="checkbox"/>	Group name	GID
<input type="checkbox"/>	admins	747400000
<input type="checkbox"/>	editors	747400002
<input type="checkbox"/>	ipausers	
<input type="checkbox"/>	trust admin	

Showing 1 to 4 of 4 entries.



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HOSTS

Refresh Delete Add

<input type="checkbox"/>	Host name	Description
<input type="checkbox"/>	ipa20-devel.ipa20.devel	

Showing 1 to 1 of 1 entries.



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HOST GROUPS

Refresh Delete Add

	Host-group	Description
<input type="checkbox"/>	myhosts	Group for my hosts

Showing 1 to 1 of 1 entries.



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NETGROUPS

Refresh Delete Add

	Netgroup name	Description
<input type="checkbox"/>	ngtest	test entgroup

Showing 1 to 1 of 1 entries.



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SERVICES

[Refresh](#) [Delete](#) [Add](#)

	Principal
<input type="checkbox"/>	DNS/ipa20-devel.ipa20.devel@IPA20.DEVEL
<input type="checkbox"/>	HTTP/ipa20-devel.ipa20.devel@IPA20.DEVEL
<input type="checkbox"/>	cifs/ipa20-devel.ipa20.devel@IPA20.DEVEL
<input type="checkbox"/>	Idm/ipa20-devel.ipa20.devel@IPA20.DEVEL

Showing 1 to 4 of 4 entries.



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DNS ZONES

DNS GLOBAL CONFIGURATION

DNS ZONES

Refresh Delete Add Disable Enable

<input type="checkbox"/>	Zone name	Status
<input type="checkbox"/>	122.168.192.in-addr.arpa.	Enabled
<input type="checkbox"/>	ipa20.devel	Enabled

Showing 1 to 2 of 2 entries.



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CERTIFICATES

Refresh

Betreff

<input type="checkbox"/>	Serial Number	Betreff
<input type="checkbox"/>	1	CN=Certificate Authority,O=IPA20.DEVEL
<input type="checkbox"/>	2	CN=OCSP Subsystem,O=IPA20.DEVEL
<input type="checkbox"/>	3	CN=ipa20-devel.ipa20.devel,O=IPA20.DEVEL
<input type="checkbox"/>	4	CN=CA Subsystem,O=IPA20.DEVEL

10 certificates matched

Policy

What you are allowed to do



Identity

Policy

IPA Server

Host Based Access Control

Sudo

Automount

Password Policies

Kerberos Ticket Policy

SELinux User M

HBAC RULES

HBAC SERVICES

HBAC SERVICE GROUPS

HBAC TEST

HBAC RULES

Refresh Delete Add Disable Enable

<input type="checkbox"/>	Rule name	Status
<input type="checkbox"/>	allow_all	Enabled
<input type="checkbox"/>	hbac_test	Enabled

Showing 1 to 2 of 2 entries.



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SUDO RULES

SUDO COMMANDS

SUDO COMMAND GROUPS

SUDO RULES

Refresh Delete Add Disable Enable

<input type="checkbox"/>	Rule name	Status
<input type="checkbox"/>	allow_reboot	Enabled

Showing 1 to 1 of 1 entries.



Identity

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AUTOMOUNT LOCATIONS

Refresh Delete Add

	Ort
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<input type="checkbox"/>	default
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Showing 1 to 1 of 1 entries.



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PASSWORD POLICIES

Refresh Delete Add

<input type="checkbox"/>	Group	Priority
<input type="checkbox"/>	global_policy	

Showing 1 to 1 of 1 entries.



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SELINUX USER MAPS

Refresh Delete Add Disable Enable

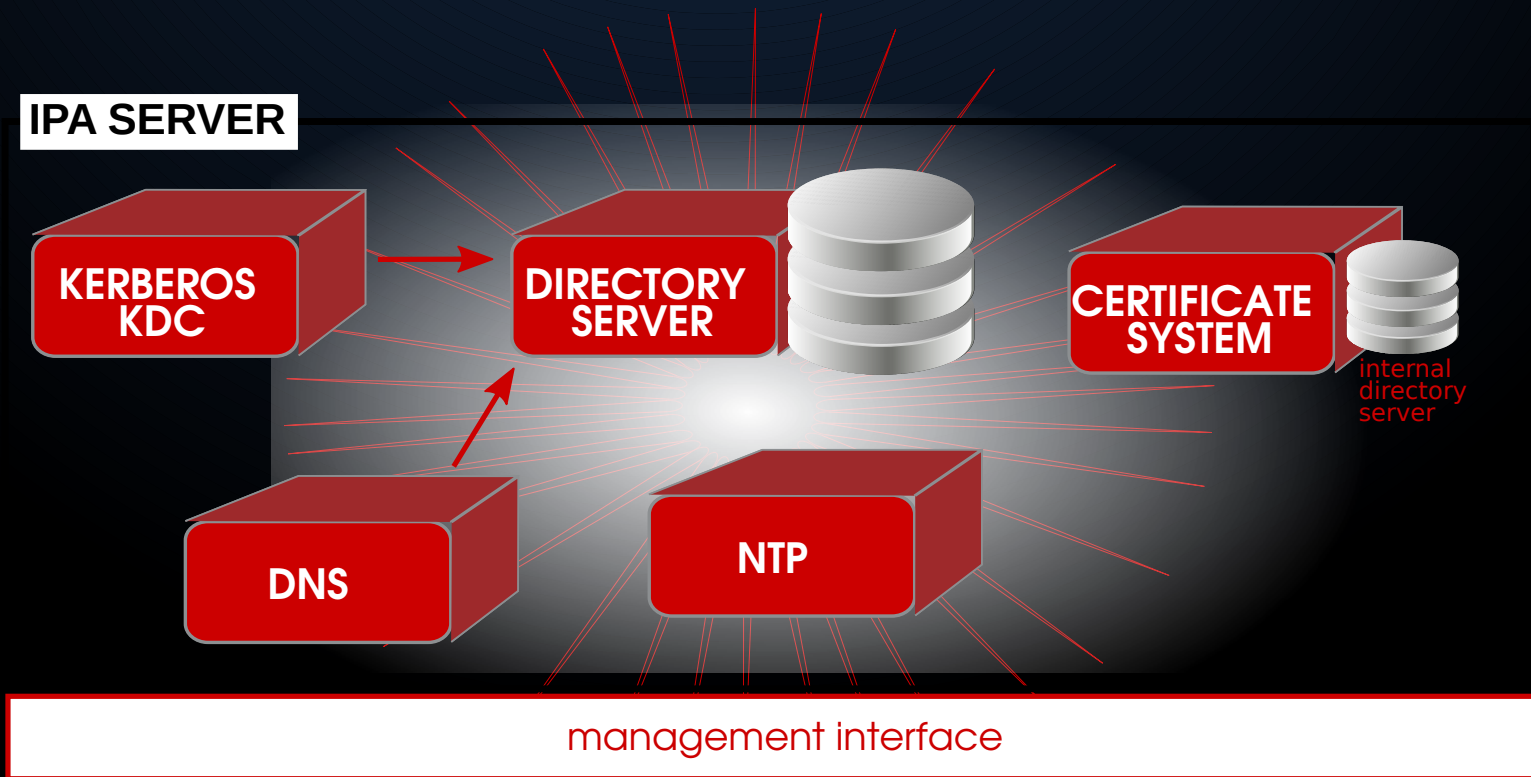
<input type="checkbox"/>	Rule name	SELinux User	Status
<input type="checkbox"/>	testmap2	staff_u:s0-s0:c0.c1023	Enabled

Showing 1 to 1 of 1 entries.

Audit

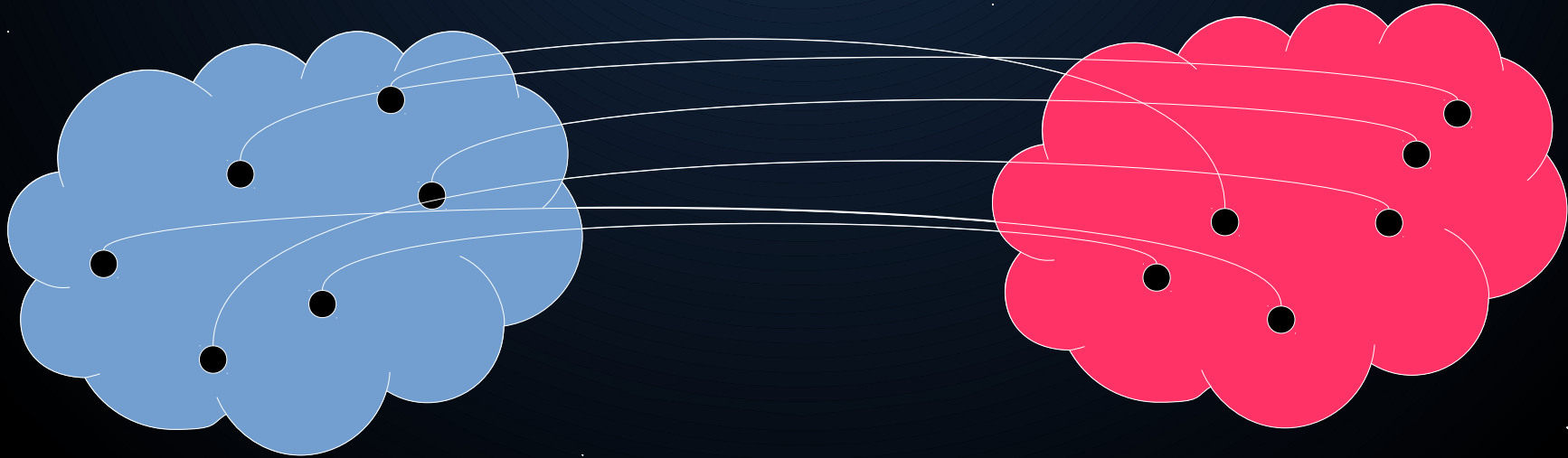
What you have done



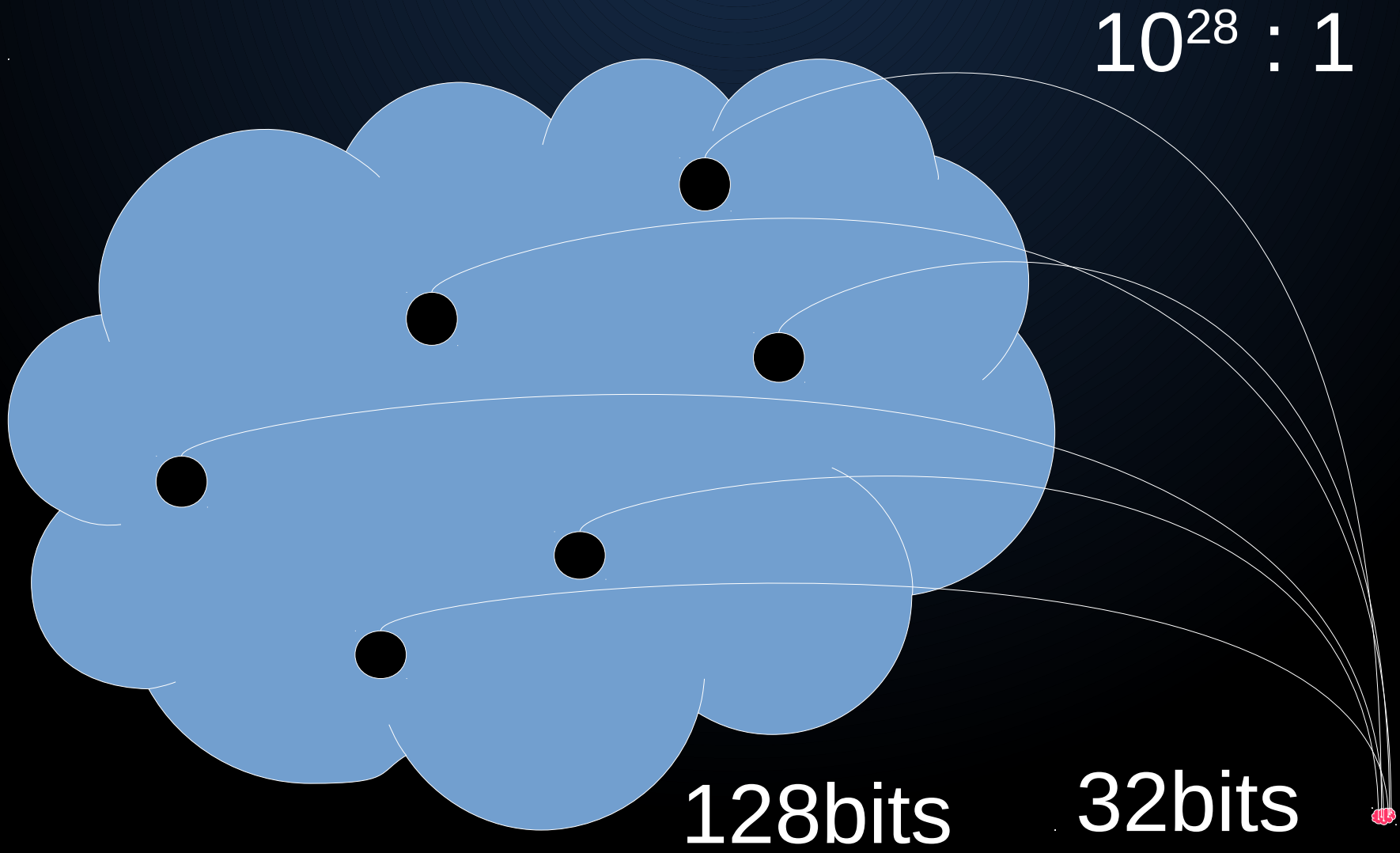


SIDs

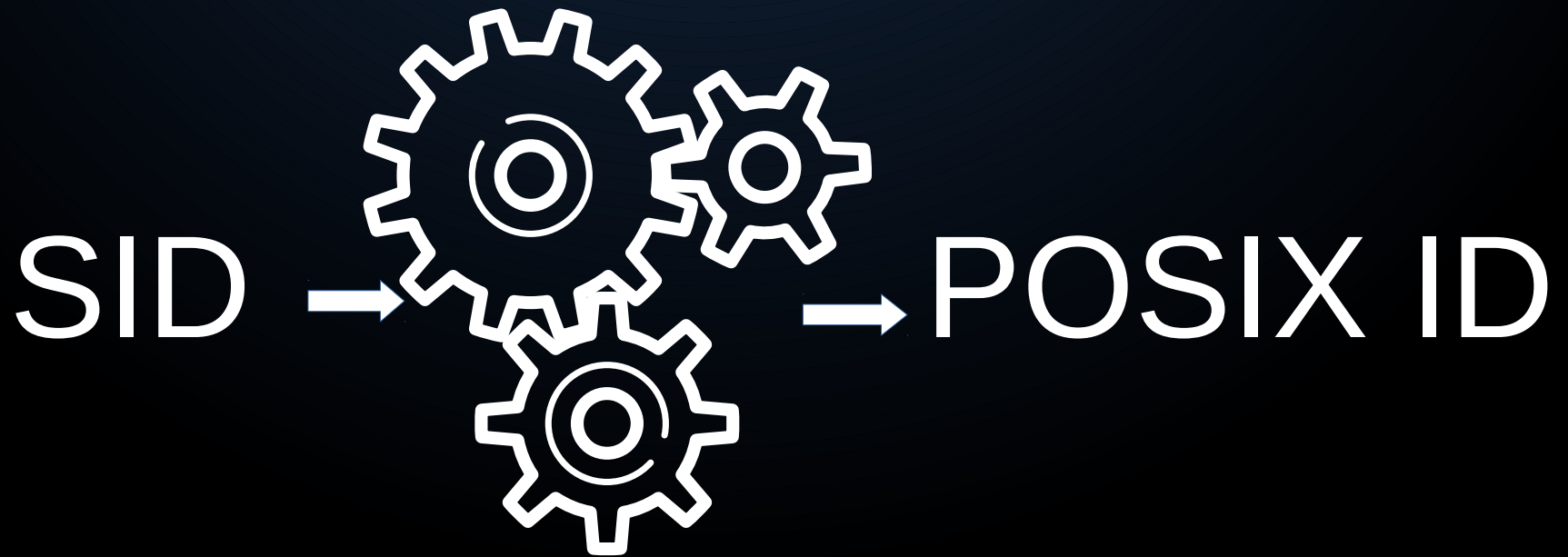
POSIX IDs



ID-Mapping



Algorithmic Mapping



Active Directory

Manual Mapping

Managed in AD



posixAccount

The diagram illustrates an Active Directory hierarchy. On the left, a vertical grey bar contains the text 'Active Directory'. To its right, a tree structure is shown with nodes represented by colored rounded rectangles. The top node is pink, followed by a purple node. Below these are two blue nodes, then a yellow node, another blue node, and a series of yellow nodes. A magnifying glass with a grey handle and frame is positioned over one of the yellow nodes, which contains the text 'posixAccount'.

SSSD

Thank you :-)

Any questions please?



Presentation Template for sssd

- Cantarell font for clear and modern feel.
- Hopefully nice background gradient
- Focus on clarity and simplicity

Slide Styles and Formatting

- Avoid deeply nested bullets and lots of text content in your slides
- There *are* nested bullets
 - But try to use them with care
 - Since that makes your slides very
 - Hard to read
 - Even though the sub-sub-sub-bullets
 - Are the same size, its still silly to have too many bullets.

Show me the source!

If you want to have code examples, do this:

```
foreach code_snippet in slides {  
    write_some_code();  
    set font_face("Source Code Pro", "16pt");  
    set font_color("white");  
    set line_spacing("single");  
    /* use promote/demote arrows for indentation */  
}
```

Slide content can't use custom styles, so we have to do some styling by hand.

Luckily you can just copy & paste the snippet if you feel lazy ;-)

If you wish to show more, switch to a text editor instead of the slides.

Colors and formatting

- If you want to highlight something, select a bit of text, and set the font color to orange close to the logo color – on Fedora it seems like “Red Hat 3” color is close.
- Try to avoid **bold**, *italic* and underline – they are distracting and make your slides hard to read.

Links and Pointers

- Website: fedorahosted.org/sssd



Thank you :-)

Any questions please?

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