Key:
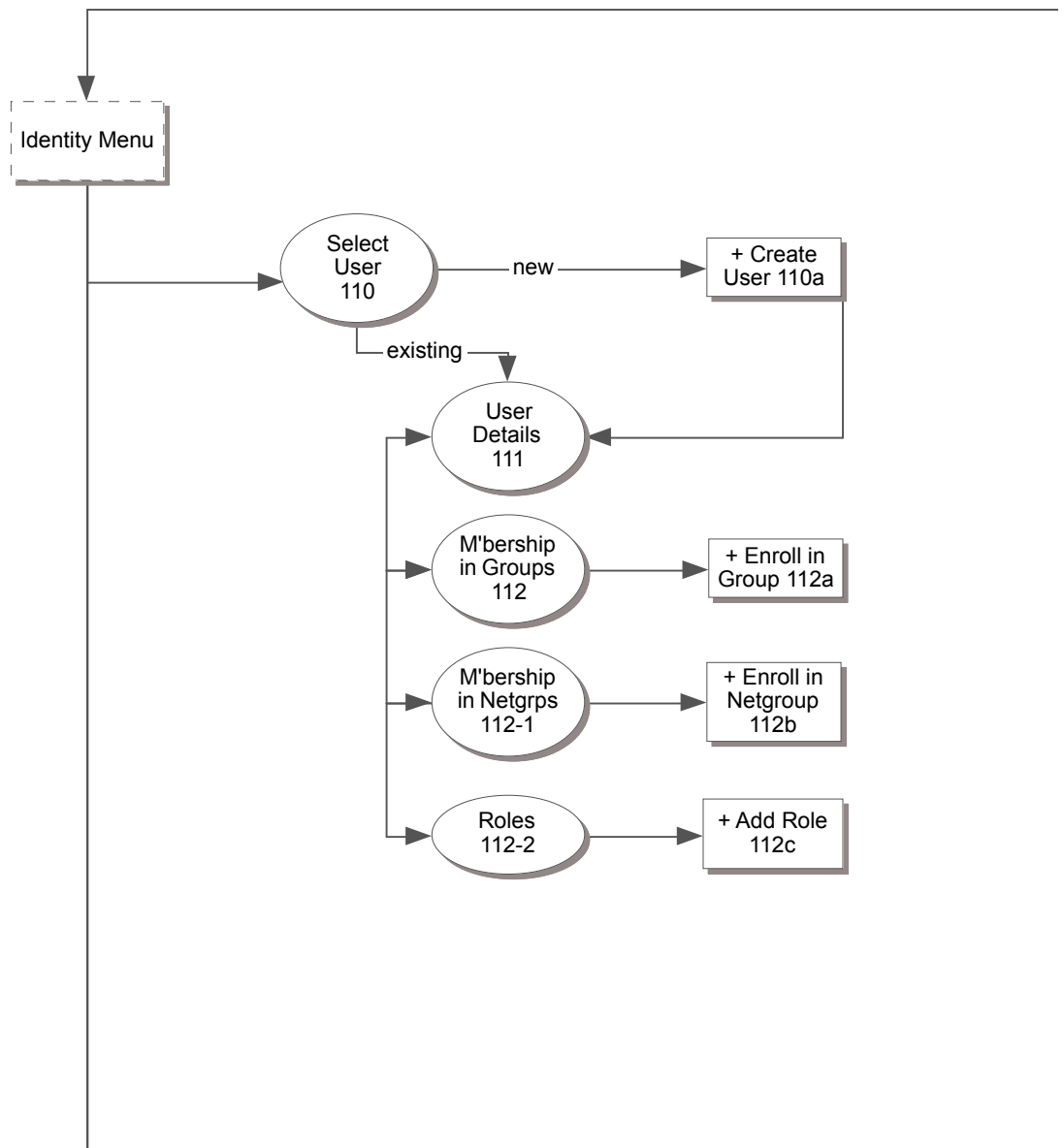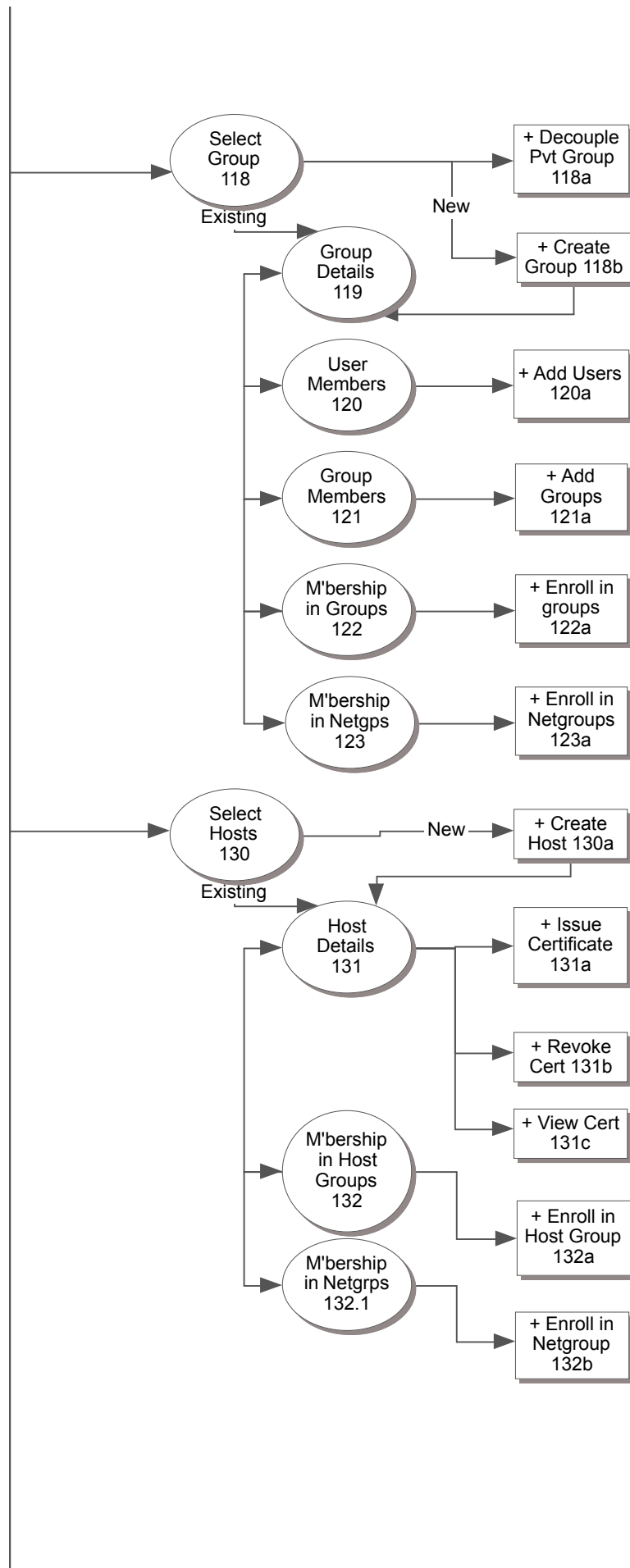
Logical Grouping - not a page

Regular Page
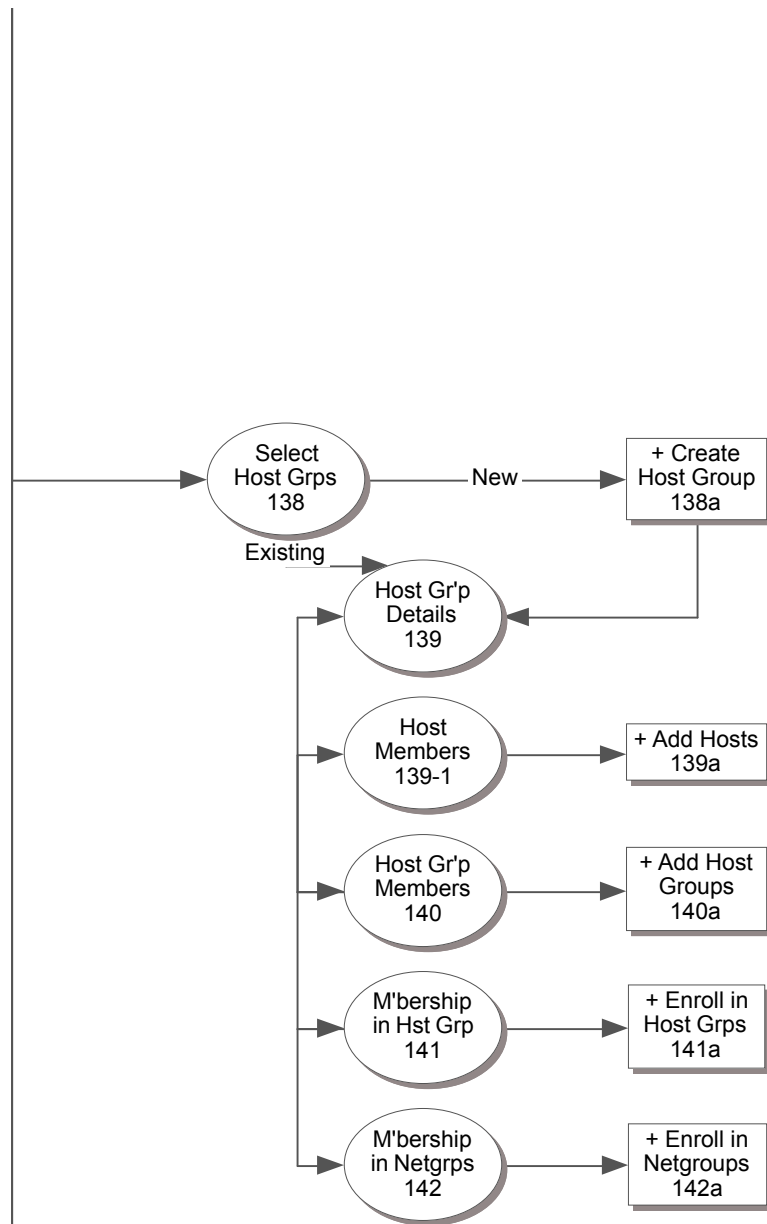
Modal form above screen
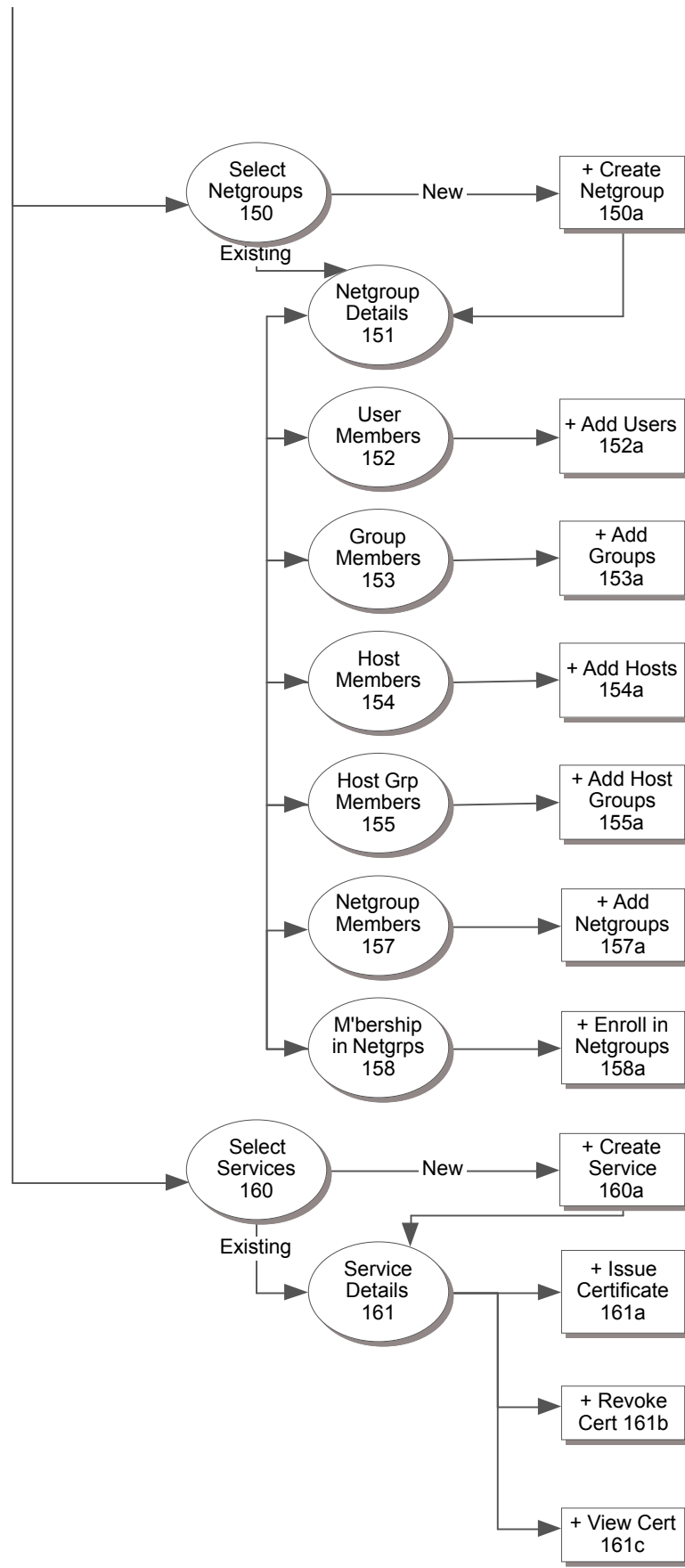
? As yet un-specified
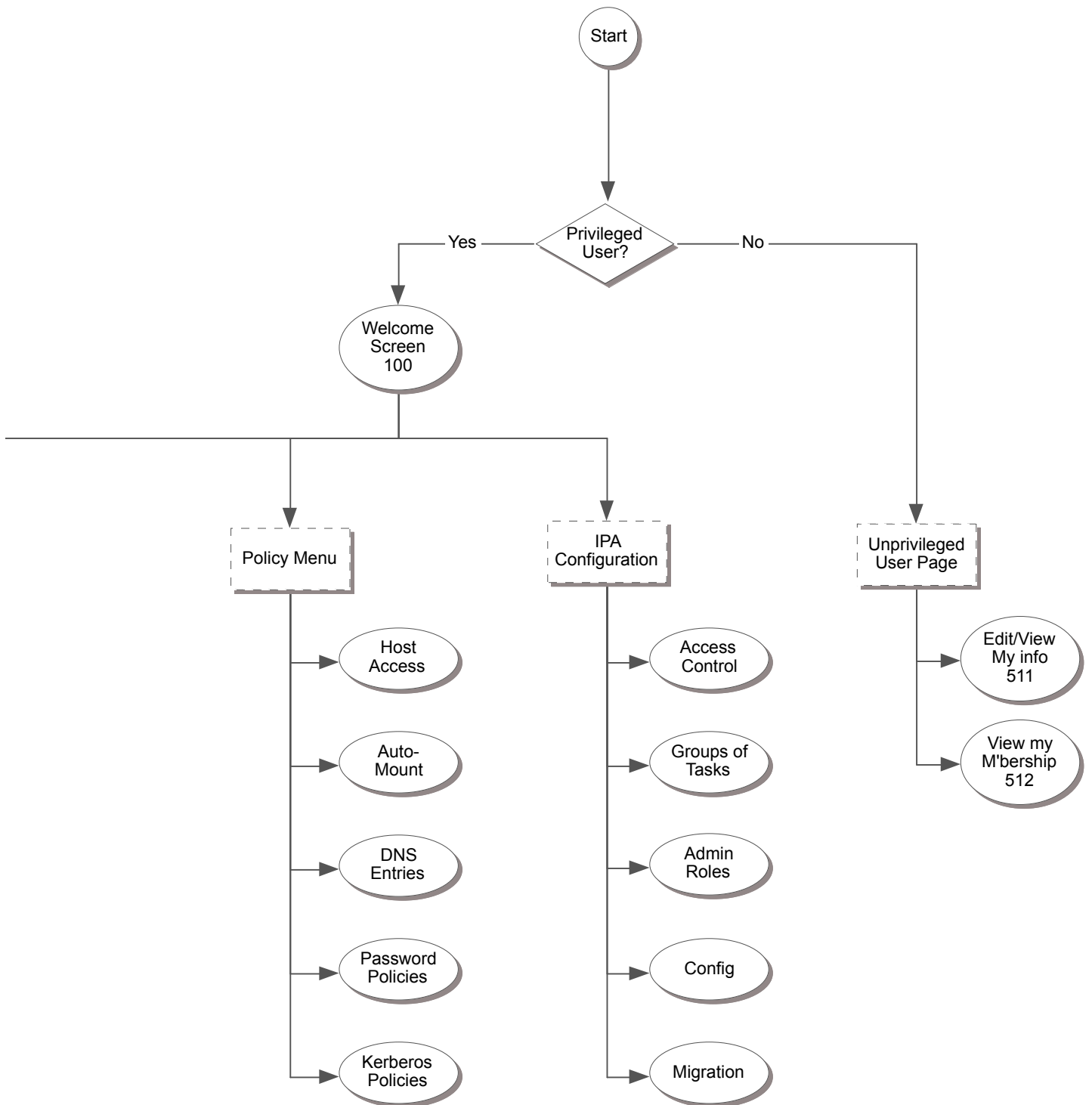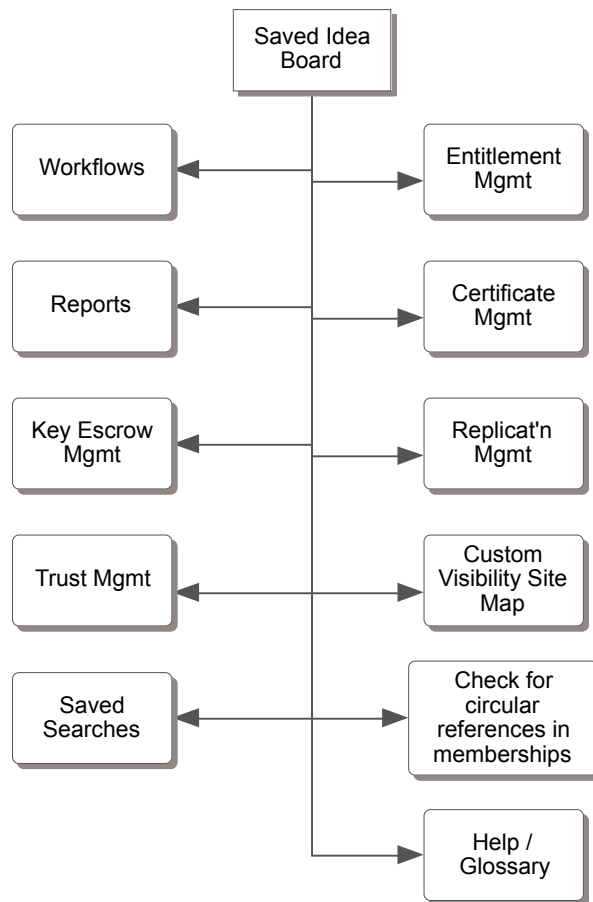
Date: 16-July-2010

Identity Menu

Select User 110 — new → + Create User 110a

existing → User Details 111

M'bership in Groups 112 → + Enroll in Group 112a

M'bership in Netgrps 112-1 → + Enroll in Netgroup 112b

Roles 112-2 → + Add Role 112c

```
                                    ┌──────────────┐
                              ┌────▶│ + Decouple   │
                              │     │  Pvt Group   │
                    ╭─────────╮     │  118a        │
                    │ Select  │     └──────────────┘
              ─────▶│ Group   │  New
                    │ 118     │
                    ╰─────────╯     ┌──────────────┐
         Existing     │       └───▶│ + Create     │
              ───────┐ │            │  Group 118b  │
                     ▼│            └──────────────┘
                    ╭─────────╮
                    │ Group   │
                    │ Details │
                    │ 119     │
                    ╰─────────╯
                     │
                    ╭─────────╮     ┌──────────────┐
                    │ User    │────▶│ + Add Users  │
                    │ Members │     │  120a        │
                    │ 120     │     └──────────────┘
                    ╰─────────╯
                     │
                    ╭─────────╮     ┌──────────────┐
                    │ Group   │────▶│ + Add        │
                    │ Members │     │  Groups      │
                    │ 121     │     │  121a        │
                    ╰─────────╯     └──────────────┘
                     │
                    ╭─────────╮     ┌──────────────┐
                    │ M'bership│───▶│ + Enroll in  │
                    │ in Groups│    │  groups      │
                    │ 122     │     │  122a        │
                    ╰─────────╯     └──────────────┘
                     │
                    ╭─────────╮     ┌──────────────┐
                    │ M'bership│───▶│ + Enroll in  │
                    │ in Netgps│    │  Netgroups   │
                    │ 123     │     │  123a        │
                    ╰─────────╯     └──────────────┘

                    ╭─────────╮  New  ┌──────────────┐
              ─────▶│ Select  │─────▶│ + Create     │
                    │ Hosts   │       │  Host 130a   │
                    │ 130     │       └──────────────┘
                    ╰─────────╯
         Existing     │
                     ▼
                    ╭─────────╮       ┌──────────────┐
                    │ Host    │──────▶│ + Issue      │
                    │ Details │       │  Certificate │
                    │ 131     │       │  131a        │
                    ╰─────────╯       └──────────────┘
                     │
                     │               ┌──────────────┐
                     │          ────▶│ + Revoke     │
                     │               │  Cert 131b   │
                     │               └──────────────┘
                     │
                     │               ┌──────────────┐
                     │          ────▶│ + View Cert  │
                     │               │  131c        │
                    ╭─────────╮      └──────────────┘
                    │ M'bership│
                    │ in Host │      ┌──────────────┐
                    │ Groups  │─────▶│ + Enroll in  │
                    │ 132     │      │  Host Group  │
                    ╰─────────╯      │  132a        │
                     │               └──────────────┘
                    ╭─────────╮      ┌──────────────┐
                    │ M'bership│────▶│ + Enroll in  │
                    │ in Netgrps│    │  Netgroup    │
                    │ 132.1   │      │  132b        │
                    ╰─────────╯      └──────────────┘
```

```
                                    Select           New          + Create
                                    Host Grps   ──────────▶    Host Group
                                    138                        138a
                                        │                         │
                    Existing            │                         │
                   ──────────▶      Host Gr'p    ◀────────────────┘
                                    Details
                                    139

                                    Host          + Add Hosts
                                    Members   ──────▶  139a
                                    139-1

                                    Host Gr'p     + Add Host
                                    Members   ──────▶  Groups
                                    140              140a

                                    M'bership     + Enroll in
                                    in Hst Grp ─────▶ Host Grps
                                    141              141a

                                    M'bership     + Enroll in
                                    in Netgrps ─────▶ Netgroups
                                    142              142a
```

```
                                    Select                              + Create
                                  Netgroups          New                Netgroup
                                    150                                   150a

                           Existing
                                              Netgroup
                                              Details
                                               151

                                               User                    + Add Users
                                             Members                      152a
                                               152

                                              Group                    + Add
                                             Members                    Groups
                                               153                       153a

                                               Host                    + Add Hosts
                                             Members                      154a
                                               154

                                             Host Grp                  + Add Host
                                             Members                    Groups
                                               155                       155a

                                             Netgroup                  + Add
                                             Members                    Netgroups
                                               157                       157a

                                             M'bership                 + Enroll in
                                            in Netgrps                  Netgroups
                                               158                        158a

                                    Select                              + Create
                                   Services           New                Service
                                    160                                   160a

                           Existing
                                              Service                  + Issue
                                              Details                   Certificate
                                               161                        161a

                                                                       + Revoke
                                                                        Cert 161b

                                                                       + View Cert
                                                                         161c
```

```
                                    ┌─────────┐
                                    │  Start  │
                                    └────┬────┘
                                         │
                                         ▼
                                    ╱─────────╲
                         Yes       ╱ Privileged ╲       No
                    ┌─────────────<   User?      >─────────────┐
                    │             ╲             ╱               │
                    │              ╲───────────╱                │
                    ▼                                           │
              ╭───────────╮                                     │
              │  Welcome  │                                     │
              │  Screen   │                                     │
              │   100     │                                     │
              ╰─────┬─────╯                                     │
                    │                                           │
          ┌─────────┴──────────┐                               │
          ▼                    ▼                               ▼
    ┌ ─ ─ ─ ─ ─ ┐      ┌ ─ ─ ─ ─ ─ ┐            ┌ ─ ─ ─ ─ ─ ─ ─ ┐
    │  Policy   │      │    IPA    │            │ Unprivileged  │
    │   Menu    │      │Configuration│          │  User Page    │
    └ ─ ─┬─ ─ ─ ┘      └ ─ ─┬─ ─ ─ ┘            └ ─ ─ ┬ ─ ─ ─ ─ ┘
         │                   │                         │
         ▼                   ▼                         ▼
    ╭─────────╮         ╭─────────╮             ╭─────────╮
    │  Host   │         │ Access  │             │Edit/View│
    │ Access  │         │ Control │             │ My info │
    ╰─────────╯         ╰─────────╯             │  511    │
         │                   │                  ╰─────────╯
         ▼                   ▼                       │
    ╭─────────╮         ╭─────────╮                  ▼
    │  Auto-  │         │Groups of│             ╭─────────╮
    │ Mount   │         │ Tasks   │             │ View my │
    ╰─────────╯         ╰─────────╯             │M'bership│
         │                   │                  │  512    │
         ▼                   ▼                  ╰─────────╯
    ╭─────────╮         ╭─────────╮
    │  DNS    │         │ Admin   │
    │ Entries │         │ Roles   │
    ╰─────────╯         ╰─────────╯
         │                   │
         ▼                   ▼
    ╭─────────╮         ╭─────────╮
    │Password │         │ Config  │
    │Policies │         ╰─────────╯
    ╰─────────╯              │
         │                   ▼
         ▼              ╭─────────╮
    ╭─────────╮         │Migration│
    │Kerberos │         ╰─────────╯
    │Policies │
    ╰─────────╯
```

```
                    ┌─────────────┐
                    │ Saved Idea  │
                    │   Board     │
                    └──────┬──────┘
                           │
  ┌───────────┐            │           ┌───────────┐
  │ Workflows │◄───────────┼──────────►│Entitlement│
  │           │            │           │   Mgmt    │
  └───────────┘            │           └───────────┘
                           │
  ┌───────────┐            │           ┌───────────┐
  │  Reports  │◄───────────┼──────────►│Certificate│
  │           │            │           │   Mgmt    │
  └───────────┘            │           └───────────┘
                           │
  ┌───────────┐            │           ┌───────────┐
  │Key Escrow │◄───────────┼──────────►│ Replicat'n│
  │   Mgmt    │            │           │   Mgmt    │
  └───────────┘            │           └───────────┘
                           │
  ┌───────────┐            │           ┌───────────┐
  │ Trust Mgmt│◄───────────┼──────────►│  Custom   │
  │           │            │           │Visibility │
  └───────────┘            │           │ Site Map  │
                           │           └───────────┘
  ┌───────────┐            │           ┌───────────┐
  │   Saved   │◄───────────┼──────────►│ Check for │
  │ Searches  │            │           │ circular  │
  └───────────┘            │           │references │
                           │           │in member- │
                           │           │  ships    │
                           │           └───────────┘
                           │           ┌───────────┐
                           └──────────►│  Help /   │
                                       │ Glossary  │
                                       └───────────┘
```

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Select User:

| Find **User**(s) | — Delete **User**(s) | + Create New **User** |

User	First Name	Last Name	Active?	eMail	Phone	Job Title	Quick Links
							D EG EN R
							D EG EN R

Message Area

D	**User** Details	EG	Enrollment in **Groups**
EN	Enrollment in **Netgroups**	R	**Roles**

Create New **User:**

User ID: [_____]

First Name: [_____]

Last Name: [_____]

| Cancel | Add **User** then Return | Add **User** then Create another | Add **User** then Edit **User** |

X

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing User: Pat D. Bunny

View User: ● Details ◯ Enrollment in **Groups** ◯ Enrollment in **Netgroups** ◯ **Roles**

Reset | Save Changes

Work Area for Users

Reset | Save Changes

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing User: Pat D. Bunny

User: ○ Details ● Enrollment in **Groups** ○ Enrollment in **Netgroups** ○ **Roles**

| | Find **Group**(s) | — Withdraw from **Group**(s) | + Enroll in **Group**(s) |

Group	GID	Description

Message Area

x

x

User: Enroll in Groups
Screen 112a

Enroll **User** Pat D. Bunny in **Group**(s)

[   ]   [Find **Group**(s)]

Group	GID	Description		Prospective **Group** Enrollment(s)
Admin	1234	All IT Administrators		<== Commuters
Westford	N/A	All employees living i...	==>	<== Legal Dept.
Developers	N/A	Internal and External ...	==>	

Message Area

* Enter group name and press Find Groups
* Click "==>" to tag each group you want to enroll in   [Cancel]   [Enroll **User**]
* Click "<==" to remove improperly tagged groups

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing User: Pat D. Bunny

User: ⚪ Details   ⚪ Enrollment in **Groups**   ⚫ Enrollment in **Netgroups**   ⚪ **Roles**

| | Find **Netgroup**(s) | — Withdraw from **Netgroup**(s) | + Enroll in **Netgroup**(s) |

Netgroup	Description

Message Area

x

User: Enroll in Netgroup
Screen 112b

Enroll **User** Pat D. Bunny in **Netgroup**(s)

[   ]   (Find **Netgroup**(s))

Netgroup	Description		Prospective **Netgroup** Enrollment(s)
Admin	All IT Administrator's Hosts		<== Public Access
Westford	All hosts in Westford	==>	<== Legal Dept Hosts
Developers	All protected developer ho...	==>	

Message Area

* Enter netgroup name and press Find Netgroups
* Click "==>" to tag each netgroup you want to enroll in
* Click "<==" to remove improperly tagged netgroups

(Cancel)   (Enroll **User**)

▲

Banner

| Identities | Policies | IPA Config |

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services |

Managing User: Pat D. Bunny

User: ○ Details ○ Enrollment in **Groups** ○ Enrollment in **Netgroups** ● **Roles**

| | Find **Role**(s) | — Remove **Role**(s) | + Add **Role**(s) |

Role	Description

Message Area

▼

x

User: Add Roles
Screen 112c

Add **Role**(s) to **User** Pat D. Bunny ▲

| | | Find **Role**(s) |

Role	Description	Prospective **Roles**(s)
Admin L1	Basic functions for entry le...	<== Basic Employee
Master Admin	All privileges ==>	
Developer	Access to developer asset... ==>	

Message Area

* Enter role name and press Find Roles
* Click "==>" to tag each role you want to add
* Click "<==" to remove improperly tagged roles

Cancel   Add **Role**(s)

▼

x

Banner

| Identities | Policies | IPA Config |

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services |

Select Group:

[   ] Find **Group**(s)   — Delete **Group**(s)   + Create New **Group**

Group	GID	Description		Quick Links
				D MU MG EG EN
				D MU MG EG EN

◉ Show **Public Groups**   ◯ Show **Private Groups**

Message Area

D	**Group** Details	MU	Member **Users**
MG	Member **Groups**	EG	Enrollment in other **Groups**
EN	Enrollment in **Netgroups**		

Create New **Group:**

Group Name: [   ]

| Cancel | Add **Group** then Return | Add **Group** then Create another | Add **Group** then Edit **Group** |

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Select Group:

Find **Group**(s) | ∉ Decouple **Group**(s)

Group	GID	Description

◯ Show Public Groups   ◉ Show Private Groups   *Message Area*

x

Decouple Private Group
Screen 118a

Decouple **Private Group** Foo from **User** Pat D. Bunny

Alert: This is an advanced operation and can not be un-done.

To confirm your intention to decouple private group Foo
from user Pat D. Bunny, check the box below, and click
the "Decouple" button.

☐ Decouple **Private Group** Foo

| Cancel | Decouple |

▲

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Group: Admin

View Group: ⦿ Details ◯ Member **Users** ◯ Member **Groups** ◯ Enrollment in other **Groups** ◯ Enrollment in **Netgroups**

Group Details:

Reset | Save Changes

Group Name: [   ]

Description: [   ]

☐ This is a POSIX Group

☐ Enter GID manually: [   ]

Reset | Save Changes

▼

x

▲

Banner

| Identities | Policies | IPA Config |

Manage: Users   Groups   Hosts   Host Groups   Netgroups   Services

Managing Group: Admin

Group: ○ Details   ● Member **Users**   ○ Member **Groups**   ○ Enrollment in other **Groups**   ○ Enrollment in **Netgroups**

x

| | Find **User**(s) | | — | Remove **User**(s) | | + | Add **User**(s) |

User	First Name	Last Name	Job Title

Message Area

▼

Add **User**(s) to **Group** Foo ▲

[   ]   (Find **Users**(s))

User	Last	First	Department		Prospective **User**(s)
JAbel	Abel	James	Finance		<== Freddy Thomlinson
JoAbel	Abel	Jonas	Engineering	==>	<== Mary Baker
MBaker	Baker	Mary	HR	==>	

Message Area

* Enter user name and press Find Users
* Click "==>" to tag each user you want to add   (Cancel)   (Add **User**(s))
* Click "<==" to remove improperly tagged users

▼

x

x

Group Members
Screen 121

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Group: Admin

Group: ⚪ Details ⚪ Member **Users** ⚫ Member **Groups** ⚪ Enrollment in other **Groups** ⚪ Enrollment in **Netgroups**

[　　　　　　　　] [Find **Group**(s)]　[− Remove **Group**(s)] [+ Add **Group**(s)]

Group	GID	Description

Message Area

Group: Add Groups
Screen 121a

Add **Group**(s) to **Group** Foo

| | Find **Group**(s) |

Group	GID	Description		Prospective **Group**(s)
Admin	1234	All IT Administrators		<== Commuters
Westford	N/A	All employees living i...	==>	<== Legal Dept.
Developers	N/A	Internal and External ...	==>	

Message Area

* Enter group name and press Find Groups
* Click "==>" to tag each group you want to add
* Click "<==" to remove improperly tagged groups

| Cancel | | Add **Group**(s) |

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Group: Admin

Group: ◯ Details ◯ Member **Users** ◯ Member **Groups** ● Enrollment in other **Groups** ◯ Enrollment in **Netgroups**

[Find **Group**(s)]   [— Withdraw from **Group**(s)] [+ Enroll in other **Group**(s)]

Name	GID	Description

Message Area

x

Group: Enroll in Groups
Screen 122a

Enroll **Group** Foo in other **Group**(s)

[   ] (Find **Group**(s))

Group	GID	Description		Prospective **Group** Enrollment(s)
Admin	1234	All IT Administrators		<== Commuters
Westford	N/A	All employees living i...	==>	<== Legal Dept.
Developers	N/A	Internal and External ...	==>	

Message Area

* Enter group name and press Find Groups
* Click "==>" to tag each group you want to enroll in
* Click "<==" to remove improperly tagged groups

(Cancel)   (Enroll **Group**)

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Group: Admin

Group: ◯ Details ◯ Member **Users** ◯ Member **Groups** ◯ Enrollment in other **Groups** ● Enrollment in **Netgroups**

[   ] [Find **Netgroup**(s)] [— Withdraw from **Netgroup**(s)] [+ Enroll in **Netgroup**(s)]

Netgroup	Description

Message Area

Group: Enroll in Netgroup
Screen 123a

Enroll **Group** Foo in **Netgroup**(s)

| | Find **Netgroup**(s) |

Netgroup	Description		Prospective **Netgroup** Enrollment(s)
Admin	All IT Administrator's Hosts		<== Public Access
Westford	All hosts in Westford	==>	<== Legal Dept Hosts
Developers	All protected developer ho...	==>	

Message Area

* Enter netgroup name and press Find Netgroups
* Click "==>" to tag each netgroup you want to enroll in
* Click "<==" to remove improperly tagged netgroups

Cancel   Enroll **Group**

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Select Host:

| | Find **Host**(s) | — Delete **Host**(s) | + Create New **Host** |

Host	Comment	Enrolled?	Managed?	Quick Links
				D EX EN
				D EX EN

Message Area

D | **Host** Details   EX | Enrollment in **Host Groups**

EN | Enrollment in **Netgroups**

Create New **Host:**

Fully-Qualified
Domain Name:

Resolve

Cancel

Add **Host** then
Return

Add **Host** then
Create another

Add **Host** then
Edit **Host**

x

x

Banner

| Identities | Policies | IPA Config |

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services |

Managing Host: Zimbramail

View Host: ● Details ○ Enrollment in **Host Groups** ○ Enrollment in **Netgroups**

Reset   Save Changes

Host Details:

Fully-Qualified
Domain Name: *I'm set before the user gets here*

Enrolled By: (non-enrolled) *or* name

Date: (non-enrolled) or date

Description: [   ]

Enrollment:

Status: ● Kerberos Key Present, Host Enrolled   Delete Key, Unenroll

○ Kerberos Key Not Present

Enroll via One-Time-Password: [   ]   Set OTP

Host Certificate:

Status: ● Valid Certificate Present   Get   Revoke   View

Name: [   ]

○ Certificate Revoked: [   ]   Restore

○ No Valid Certificate: New Certificate

Services:

Manage Services for this Host

Reset   Save Changes

NB: The "Restore" button next to Certificate
Revoked only appears when the red light is on, and
the reason for revokation is "Hold"

Host: Revoke Cert
Screen 131b

Revoke Certificate CertSubjectName for **Host** Foo

Note: To confirm your intention to revoke this certificate, select a reason from the pull-down list, and click the "Revoke" button.

Reason for Revocation: ▼

[Cancel] [Revoke]

Host: View Cert
Screen 131c

Certificate FoorBarCertificate for **Host** Foo

Issued To:
Common Name   abcd
Organization   <asdf>
Organizational Unit Apache
Serial Number   12:34

Issued By:
Common Name   abd
Organzation   abcd
Organizational Unit <asdf>

Dates:
Issued On: 7-Mar-2010
Expires On: 1-Jan=2030

Fingerprints
SHA1 Fingerprint   114312431243134
MD5 Fingerprint   123414351434353452

[Done]

Host: Issue New Cert
Screen 131a

Issue New Certificate for **Host** foo

Subject Name:

Expiration:

Certificate Signing Request: [Browse...]

☐ Get (Download) Certificate when done.   [Cancel] [Issue]

Banner

| Identities | Policies | IPA Config |

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services |

Managing Host: Zimbramail

Host: ◯ Details ● Enrollment in **Host Groups** ◯ Enrollment in **Netgroups**

| | Find **Host Group**(s) | — Withdraw from **Host Group**(s) | + Enroll in **Host Group**(s) |

Host Group	Description

Message Area

Host: Enroll in Host Group
Screen 132a

Enroll **Host** Foo in **Host Group**(s)   ▲

[   ]   [Find **Host Group**(s)]

Host Group	Description		Prospective **Host Group** Enrollment(s)
Admin	All IT Administrator's Hosts		<== Public Access
Westford	All hosts in Westford	==>	<== Legal Dept Hosts
Developers	All protected developer ho...	==>	

Message Area

* Enter host group name and press Find Host Groups   [Cancel]   [Enroll **Host**]
* Click "==>" to tag each host group you want to enroll in
* Click "<==" to remove improperly tagged host groups   ▼

Note: green boxes at top and bottom of page.

Netgroup
Memberships
Screen 132.1

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Host: Zimbramail

Host: ○ Details ○ Enrollment in **Host Groups** ● Enrollment in **Netgroups**

[   ] (Find **Netgroup**(s)) | (— Withdraw from **Netgroup**(s)) | (+ Enroll in **Netgroup**(s))

Netgroup	Description

Message Area

Enroll **Host** Foo in **Netgroup**(s)

[   ]   (Find **Netgroup**(s))

Netgroup	Description		Prospective **Netgroup** Enrollment(s)
Admin	All IT Administrator's Hosts		<== Public Access
Westford	All hosts in Westford	==>	<== Legal Dept Hosts
Developers	All protected developer ho...	==>	

Message Area

* Enter netgroup name and press Find Netgroups
* Click "==>" to tag each netgroup you want to enroll in
* Click "<==" to remove improperly tagged netgroups

(Cancel)   (Enroll **Host**)

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Select Host Group:

| | Find **Host Group**(s) | — Delete **Host Group**(s) | + Create New **Host Group** |

Host Group	Description	Quick Links
		D MH MX EX EN
		D MH MX EX EN

Message Area

D	**Host Group** Details	MH	Member **Hosts**
MX	Member **Host Groups**	EX	Enrollment in other **Host Groups**
EN	Enrollment in **Netgroups**		

Create New **Host Group:**

Host Group Name: [   ]

| Cancel | Add **Host Group** then Return | Add **Host Group** then Create another | Add **Host Group** then Edit |

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Host Group: Dev-cluster-2

View Host Group: ● Details ○ Member **Hosts** ○ Member **Host Groups** ○ Enrollment in other **Host Groups** ○ Enrollment in **Netgroups**

Host Group Details:

[Reset] [Save Changes]

Host Group Name: [   ]

Description: [   ]

[Reset] [Save Changes]

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Host Group: Dev-cluster-2

Host Group: ○ Details   ● Member **Hosts**   ○ Member **Host Groups**   ○ Enrollment in other **Host Groups**   ○ Enrollment in **Netgroups**

[   ] [Find **Host**(s)]   [— Remove **Host**(s)]   [+ Add **Host**(s)]

Host	Comment	Enrolled?	Managed?

Message Area

Host Group: Add Hosts
Screen 139a

Add **Host**(s) to **Host Group** Foo

| Cheech and Chong | Find **Host**(s) |

Host	Description		Prospective **Host**(s)	Managed?
Cheech and Ch...	*(Unmanaged Host)*	==> <==	Developer153	Y
Admin12	Host dedicated to IT Admin...	==> <==	Barnacre Corner	N
Westford13	Host deployed in Westford	==>		
Developer23	Host used by developer st...	==>		

Message Area

* Enter host name and press Find Hosts
* Results will contain an entry for the search term as
  an unmanaged host when there is no exact match.
* Click "==>" to tag each host you want to add
* Click "<==" to remove improperly tagged hosts

| Cancel | Add **Host**(s) |

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Host Group: Dev-cluster-2

Host Group: ◯ Details ◯ Member **Hosts** ⬤ Member **Host Groups** ◯ Enrollment in other **Host Groups** ◯ Enrollment in **Netgroups**

| | Find **Host Group**(s) | — Remove **Host Group**(s) | + Add **Host Group**(s) |

Host Group	Description

Message Area

Add **Host Group**(s) to **Host Group** Foo

Find **Host Group**(s)

Host Group	Description		Prospective **Host Group**(s)
Admin	All IT Administrator's Hosts		<== Public Access
Westford	All hosts in Westford	==>	<== Legal Dept Hosts
Developers	All protected developer ho...	==>	

Message Area

* Enter host group name and press Find Host Groups
* Click "==>" to tag each host group you want to add
* Click "<==" to remove improperly tagged host groups

Cancel

Add **Host Group**(s)

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Host Group: Dev-cluster-2

Host Group: ○ Details ○ Member **Hosts** ○ Member **Host Groups** ● Enrollment in other **Host Groups** ○ Enrollment in **Netgroups**

| | Find **Host Group**(s) | — Withdraw from **Host Group**(s) | + Enroll in other **Host Group**(s) ▼ |

Host Group	Description

Message Area

Host Group: Enroll in Host Groups
Screen 141a

Enroll **Host Group** Foo in other **Host Group**(s)

| | Find **Host Group**(s) |

Host Group	Description		Prospective **Host Group** Enrollment(s)
Admin	All IT Administrator's Hosts		<== Public Access
Westford	All hosts in Westford	==>	<== Legal Dept Hosts
Developers	All protected developer ho...	==>	

Message Area

* Enter host group name and press Find Host Groups
* Click "==>" to tag each host group you want to enroll in
* Click "<==" to remove improperly tagged host groups

| Cancel | | Enroll **Host Group** |

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Host Group: Dev-cluster-2

Host Group: ○ Details ○ Member **Hosts** ○ Member **Host Groups** ○ Enrollment in other **Host Groups** ● Enrollment in **Netgroups**

[Find **Netgroup**(s)] [— Withdraw from **Netgroup**(s)] [+ Enroll in **Netgroup**(s)]

Netgroup	Description

Message Area

Host Group: Enroll in Netgroup
Screen 142a

Enroll **Host Group** Foo in **Netgroup**(s)

| Find **Netgroup**(s) |

Netgroup	Description	Prospective **Netgroup** Enrollment(s)
Admin	All IT Administrator's Hosts	<== Public Access
Westford	All hosts in Westford ==>	<== Legal Dept Hosts
Developers	All protected developer ho... ==>	

Message Area

* Enter netgroup name and press Find Netgroups
* Click "==>" to tag each netgroup you want to enroll in
* Click "<==" to remove improperly tagged netgroups

| Cancel | | Enroll **Host Group** |

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Select Netgroup:

| | Find **Netgroup**(s) | — Delete **Netgroup**(s) | + Create New **Netgroup** |

Netgroup	Description	Quick Links
		D MU MG MH MX MN EN
		D MU MG MH MX MN EN

Message Area

D	**Netgroup** Details	MU	Member **Users**	MG	Member **Groups**
MH	Member **Hosts**	MX	Member **Host Groups**		
MN	Member **Netgroups**	EN	Enrollment in other **Netgroups**		

Create New **Netgroup:**

Netgroup Name: [   ]

| Cancel | Add **Netgroup** then Return | Add **Netgroup** then Create another | Add **Netgroup** then Edit |

x

x

▲

Banner

Identities   Policies   IPA Config

Manage: Users   Groups   Hosts   Host Groups   Netgroups   Services

Managing Netgroup : Foo

**View
Netgroup**:   ● Details   ○ Member **Users**   ○ Member **Groups**   ○ Member **Hosts**   ○ Member **Host Groups**   ○ Member **Netgroups**   ○ Enrollment in other **Netgroups**

Netgroup Details: Reset   Save Changes

Netgroup Name: [   ]

Domain Name: [   ]

Description: [   ]

Reset   Save Changes

▼

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Netgroup : Foo

Netgroup: ◯ Details ● Member **Users** ◯ Member **Groups** ◯ Member **Hosts** ◯ Member **Host Groups** ◯ Member **Netgroups** ◯ Enrollment in other **Netgroups**

[Find **User**(s)]   [— Remove **User**(s)]   [+ Add **User**(s)]

User	First Name	Last Name	Job Title

Message Area

x

Netgroup : Add Users
Screen 152a

Add **User**(s) to **Netgroup** Foo

[   ]   (Find **Users** (s))

User	Last	First	Department		Prospective **User**(s)
JAbel	Abel	James	Finance		<== Freddy Thomlinson
JoAbel	Abel	Jonas	Engineering	==>	<== Mary Baker
MBaker	Baker	Mary	HR	==>	

Message Area

* Enter user name and press Find Users
* Click "==>" to tag each user you want to add
* Click "<==" to remove improperly tagged users

(Cancel)   (Add **User**(s))

▲

▼

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Netgroup : Foo

Netgroup: ◯ Details ◯ Member **Users** ● Member **Groups** ◯ Member **Hosts** ◯ Member **Host Groups** ◯ Member **Netgroups** ◯ Enrollment in other **Netgroups**

[Find **Group**(s)] [— Remove **Group**(s)] [+ Add **Group**(s)]

Group	GID	Description

Message Area

Netgroup : Add Groups
Screen 153a

Add **Group**(s) to **Netgroup** Foo

	Find **Group**(s)

Group	GID	Description		Prospective **Group**(s)
Admin	1234	All IT Administrators		<== Commuters
Westford	N/A	All employees living i...	==>	<== Legal Dept.
Developers	N/A	Internal and External ...	==>	

Message Area

* Enter group name and press Find Groups
* Click "==>" to tag each group you want to add
* Click "<==" to remove improperly tagged grouped

Cancel	Add **Group**(s)

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Netgroup : Foo

Netgroup: ◯ Details ◯ Member **Users** ◯ Member **Groups** ⦿ Member **Hosts** ◯ Member **Host Groups** ◯ Member **Netgroups** ◯ Enrollment in other **Netgroups**

[ ] | Find **Host**(s) | — Remove **Host**(s) | + Add **Host**(s)

Host	Comment	Enrolled?	Managed?

Message Area

Netgroup : Add Host
Screen 154a

Add **Host**(s) to **Netgroup** Foo

| Cheech and Chong | Find **Host**(s) |

Host	Description		Prospective **Host**(s)	Managed?
Cheech and Ch...	*(Unmanaged Host)*	==>	<== Developer153	Y
Admin12	Host dedicated to IT Admin...	==>	<== Barnacre Corner	N
Westford13	Host deployed in Westford	==>		
Developer23	Host used by developer st...	==>		

Message Area

* Enter host name and press Find Hosts
* Results will contain an entry for the search term as
   an unmanaged host when there is no exact match.
* Click "==>" to tag each host you want to add
* Click "<==" to remove improperly tagged hosts

| Cancel | Add **Host**(s) |

Host Group
Members
Screen 155

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Netgroup : Foo

Netgroup : ○ Details ○ Member **Users** ○ Member **Groups** ○ Member **Hosts** ● Member **Host Groups** ○ Member **Netgroups** ○ Enrollment in other **Netgroups**

| | Find **Host Group**(s) | — Remove **Host Group**(s) | + Add **Host Group**(s) |

Host Group	Description

Message Area

X

Add **Host Group**(s) to **Netgroup** Foo

[   ] (Find **Host Group**(s))

Host Group	Description		Prospective **Host Group**(s)
Admin	All IT Administrator's Hosts		<== Public Access
Westford	All hosts in Westford	==>	<== Legal Dept Hosts
Developers	All protected developer ho...	==>	

Message Area

* Enter host group name and press Find Host Groups
* Click "==>" to tag each host group you want to add   (Cancel)   (Add **Host Group**(s))
* Click "<==" to remove improperly tagged host groups

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Netgroup : Foo

Netgroup: ○ Details ○ Member **Users** ○ Member **Groups** ○ Member **Hosts** ○ Member **Host Groups** ● Member **Netgroups** ○ Enrollment in other **Netgroups**

[Find **Netgroup**(s)] [— Remove **Netgroup**(s)] [+ Add **Netgroup**(s)]

Netgroup	Description

Message Area

Netgroups : Add Netgroup
Screen 157a

Add **Netgroup**(s) to **Netgroup** Foo

[   ]   Find **Netgroup**(s)

Netgroup	Description	Prospective **Netgroup**(s)
Admin	All IT Administrator's Hosts	<== Public Access
Westford	All hosts in Westford ==>	<== Legal Dept Hosts
Developers	All protected developer ho... ==>	

Message Area

* Enter netgroup name and press Find Netgroups
* Click "==>" to tag each netgroup you want to add
* Click "<==" to remove improperly tagged netgroups

Cancel   Add **Netgroup**(s)

x

x

Banner

Identities | Policies | IPA Config

Manage: | Users | Groups | Hosts | Host Groups | Netgroups | Services

Managing Netgroup : Foo

Netgroup: ⚪ Details ⚪ Member **Users** ⚪ Member **Groups** ⚪ Member **Hosts** ⚪ Member **Host Groups** ⚪ Member **Netgroups** ⚫ Enrollment in other **Netgroups**

| | Find **Netgroup**(s) | — Withdraw from **Netgroup**(s) | + Enroll in other **Netgroup**(s) |

Netgroup	Description

Message Area

Netgroup : Enroll in Netgroups
Screen 158a

Enroll **Netgroup** Foo in other **Netgroup**(s)   ▲

| | Find **Netgroup**(s) |

| **Netgroup** | Description | | Prospective **Netgroup** Enrollment(s) |

Admin   All IT Administrator's Hosts   <== Public Access
Westford   All hosts in Westford   ==>   <== Legal Dept Hosts
Developers   All protected developer ho... ==>

                                                    Message Area

* Enter netgroup name and press Find Netgroups   Cancel   Enroll **Netgroup**
* Click "==>" to tag each netgroup you want to enroll in
* Click "<==" to remove improperly tagged netgroups

                                                                                    ▼

Banner

| Identities | Policies | IPA Config |

Manage:

| Users | Groups | Hosts | Host Groups | Netgroups | Services |

Select Service:

| | Find **Service**(s) | — Delete **Service**(s) | + Create New **Service** |

Service Principle	Service Type	Fully Qualified Domain	Quick Links
			D
			D

Message Area

D **Service** Details

x

User: New Service
Screen 160a

Create New Service:

Fully-Qualified
Domain Name: [   ] [Resolve]

Service Name: [▼   Choose Service   ]

[*I become active if user chooses: "New" above*]

[Cancel] [Add **Service** then Return] [Add **Service** then Create another] [Add **Service** then Edit **Service**]

NB: If the user presses "Resolve", and the
name can not be resolved, then the user can
still proceed.

x

x

Banner

Identities Policies IPA Config

Manage: Users Groups Hosts Host Groups Netgroups Services

Managing Service

View Service: ● Details

Reset Save Changes

Service Details:

Fully-Qualified
Domain Name: *I'm set before the user gets here*

Service Name: *I'm set before the user gets here*

Provisioning:

Status: ● Kerberos Key Present, Service Provisioned Delete Key, Unprovision
○ Kerberos Key Not Present

Service Certificate:

Status: ● Valid Certificate Present Get Revoke View
Name: _____

○ Certificate Revoked: _____ Restore

○ No Valid Certificate: New Certificate

Host:

Manage Host for this Service

Reset Save Changes

NB: The "Restore" button next to Certificate
Revoked only appears when the red light is on, and
the reason for revokation is "Hold"

Service: Revoke Cert
Screen 161b

Revoke Certificate CertSubjectName for **Service** Foo

Note: To confirm your intention to revoke this certificate, select a reason from the pull-down list, and click the "Revoke" button.

Reason for Revocation: ▼

| Cancel | Revoke |

Service: View Cert
Screen 161c

Certificate FoorBarCertificate for **Service** Foo

Issued To:
Common Name   abcd
Organization   <asdf>
Organizational Unit   Apache
Serial Number   12:34

Issued By:
Common Name   abd
Organzation   abcd
Organizational Unit   <asdf>

Dates:
Issued On: 7-Mar-2010
Expires On: 1-Jan=2030

Fingerprints
SHA1 Fingerprint   114312431243134
MD5 Fingerprint   1234414351434353452

| Done |

Service: Issue New Cert
Screen 161a

Issue New Certificate for **Service** foo

Subject Name:

Expiration:

Certificate Signing Request: | Browse... |

☐ Get (Download) Certificate when done. | Cancel | Issue |