Release Notes 3.11.4

Added vendor class for Cisco ACL

This is used to determine what Access Control Rules to pass back in the RADIUS response. This is done by reading the value of an attribute called ACL which can be mapped to an existing AD attribute.

Configuring RADIUS to use Cisco ACL vendor

- Create an attribute called *ACL* and map that to a repository attribute in AD
- Create a user in AD with the mapped ACL attribute set to *aclgroup1*
- Perform a User Sync to import the ACL attribute setting
- Enable Radius groups on RADIUS server and set the Groups keyword to *acl*
- Create a RADIUS NAS entry that uses *Cisco Acl* vendor group.
- The following example file can be uncommented and configured with appropriate group information. File name and location: /home/swivel/.swivel/conf/acl.xml

Example of uncommented acl.xml:

```
<?xml version="1.0" encoding="UTF-8"?>
<aclist>
  <entry group="aclgroup1">
    <aclRule name=":ip:inacl#100">permit tcp any 10.10.10.0</aclRule>
    <aclRule name=":ip:inacl#200">permit tcp any 11.10.10.0</aclRule>
  </entry>
  <entry group="aclgroup2">
    <aclRule name=":ip:inacl#100">deny tcp any 10.10.10.0</aclRule>
    <aclRule name=":ip:inacl#200">deny tcp any 10.10.10.0</aclRule>
  </entry>
</aclist>
```

Bulk Mobile Client Provision

This new feature allows administrators and helpdesk users to send provision codes for all mobile client users that have not yet provisioned.
This option needs to be enabled before it can be used:
Under Policy -> General, set the following option:

Show bulk provision on User Admin page

Now, if you go to the User Administration page, you should see a button labelled "Bulk Provision". If you click it, it will display the number of "unprovisioned" users in the current repository. By this, we mean:

- The user has the mobile client right
- The user does not have a valid mobile identity
- The user does not have a provision code pending confirmation
- The user has an alert transport (email or SMS) configured.

You will then see two buttons: "Confirm Provision" and "Cancel Provision". If you click "Confirm", new provision codes will be sent to all the users identified. If you click "Cancel", the list will be cleared.

Added alternative vendor class for Juniper

This class is labelled as "Single Group", for the simple reason that it returns just a single group name as the group attribute. The value is the Swivel name for the group.

Added vendor class for Dell SonicWall

This class returns the group attributes in the format required by a Dell SonicWall

Self-Signed Certificates Option for Secure LDAP

The "allow self-signed certificates" option for Active Directory and LDAP repositories now works. In 3.11.3, this option was always off, irrespective of the apparent setting.

Database Upgrade for Oracle

Version 3.11.3 required a change to the Swivel database. Unfortunately, the code that applied that change was not compatible with Oracle. This has now been corrected.