Issuing SAML Assertions hard-coded in the RADIUS Server

1. Create the file `/etc/freeradius/policy.d/moonshot` (on RHEL platforms, create `/etc/raddb/policy.d/moonshot`):

```
moonshot_saml.post-auth {
    if (&request:Realm == 'YOUR_REALM_HERE') {
        update reply {
            SAML-AAA-Assertion = '<saml:Assertion xmlns:saml="urn:oasis:names:tc:SAML:2.0:assertion"
IssueInstant="2011-03-19T08:30:00Z" ID="foo" Version="2.0">'
            SAML-AAA-Assertion += '<saml:Issuer>urn:mace:incommon:osu.edu</saml:Issuer>'
            SAML-AAA-Assertion += '<saml:AttributeStatement>'
            SAML-AAA-Assertion += '<saml:Attribute NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri" Name="urn:oid:1.3.6.1.4.1.5923.1.1.1.7"><saml:AttributeValue>moonshot</saml:AttributeValue><
/saml:Attribute>'
            SAML-AAA-Assertion += '</saml:AttributeStatement>'
            SAML-AAA-Assertion += '</saml:Assertion>'
        }
    }
}
```

Example

Camford University's SAML assertion would look like this:

```
moonshot_saml.post-auth {
    if (&request:Realm == 'camford.ac.uk') {
        update reply {
            SAML-AAA-Assertion = '<saml:Assertion xmlns:saml="urn:oasis:names:tc:SAML:2.0:
assertion" IssueInstant="2011-03-19T08:30:00Z" ID="foo" Version="2.0">'
            SAML-AAA-Assertion += '<saml:Issuer>urn:mace:incommon:osu.edu</saml:Issuer>'
            SAML-AAA-Assertion += '<saml:AttributeStatement>'
            SAML-AAA-Assertion += '<saml:Attribute NameFormat="urn:oasis:names:tc:SAML:2.0:
attrname-format:uri" Name="urn:oid:1.3.6.1.4.1.5923.1.1.1.7"><saml:AttributeValue>moonshot</saml:
AttributeValue></saml:Attribute>'
            SAML-AAA-Assertion += '</saml:AttributeStatement>'
            SAML-AAA-Assertion += '</saml:Assertion>'
        }
    }
}
```

2. In `/etc/freeradius/sites-enabled/abfab-tr-idp`, find the `post-auth` section. At the top, insert onto its own line the following:

```
if (&request:GSS-Acceptor-Service-Name != 'trustidentity') && (&request:Realm == 'YOUR_REALM_HERE') {
        moonshot_saml

}
```

You can adjust where you want to call the policy that inserts the Moonshot policy, as long as it is called in the `post-auth` section.

3. If you use non-TLS connections for Moonshot, you may wish to repeat Step 2 in `/etc/freeradius/sites-enabled/default`.

4. Restart FreeRADIUS.