

# Token handler configuration

## Introduction

OA4MP supports configuration of token handlers. These will create various types of tokens, id, access, refresh.

## Format

```
{"tokens" :  
  HANDLER+ // Either a block or array of blocks  
}
```

HANDLER:  
 IDENTITY | ACCESS | REFRESH

```
HANDLER:  
{  
  {"type":TYPE,  
   QDL?  
   "issuer":issuer  
   "audience": audience  
   "lifetime": lifetime (seconds)  
   "type" : type  
  }  
}
```

IDENTITY :  
BLOCK :  
{  
 CODE  
 [, XMD]  
 [, ARGS]  
}

```
tokens{  
  identity{  
    type=identity  
    qdl{  
      load="fnal/fnal-idtoken.qdl"  
      xmd={exec_phase="post_token"}  
    }// end qdl  
  } //end identity token  
  access{  
    type=wlcg  
    issuer="https:cilogon.org"  
    audience="https://wlcg.cern.ch/jwt/v1/any"  
    lifetime=3600000  
    qdl{
```

```
    load="fnal/fnal-at.qdl"  
    xmd={exec_phase=["post_token","post_refresh","post_exchange"]}  
    args=["USER_ID", "PASSWORD"]  
  } //end QDL  
} // end access token  
} //end tokens
```