

Reverse Integration using SAML

SAML will allow the users to access the NSWS portal by using login credentials of the state portals. State portals will pass the authentication information in a defined format to the NSWS portal.

The authentication information must enclose the following mandatory attributes for processing the login request at NSWS portal.

NSWS Mandatory Attributes		
User Registration Attributes	Full Name	
	Email	
	Mobile Number	
Organization Attributes	Incorporated Company	CIN Number
	Limited Liability Partnership	LLPIN Number
	Sole Proprietor	Organization Name
	Others	Organization Name
	PAN(in all cases)	
	Postal Address	Exemption - FDI user
	Registered Address	

The above information will be utilised for processing the SAML redirection request with Keycloak on the NSWS portal. The state departments must share their SAML configurations with NSWS for successful SSO redirection.

The system will perform pre-checks to validate the PAN number and the mandatory attributes information which will help in identifying the category of redirection request.

PAN registration on NSWS	Attribute information on NSWS	Actions
New PAN	New attributes	User onboarding as owner Approval submission
Existing PAN	Matching attributes	Successful login on NSWS through SAML redirection Approval submission
Existing PAN	Mismatching attributes	Redirection failure, respond State with the mismatching attributes details. (InvestIndia to confirm, if these fields would be editable for the user at state portal for the system to retry for a succesful redirection with the updated details.)
Existing PAN	Matching attributes - New Email ID	User onboarding as member Approval submission

Based on the PAN and attribute information, the actions will be performed as per the above table.

Upon successful user onboarding and/or authentication, the user can reset the password to login to NSWS directly and check the approval statuses.

Alternatively, the user can also login to the state portal and check the approval statuses on NSWS through SSO redirection.

Assumptions -

It is being assumed that the states will validate the PAN and CIN information with the third party systems including CBDT / MCA and send the verified attribute information for redirection at NSWS.