

Enable Trust Network on Petstore - 06-04-2015

by Resilient Network Systems

1. Go to "Trust_Network" tab, click down arrow of "PetstoreUserActivation" and copy the "Visual Force component to include in force.com Page":

The screenshot shows the 'Administrative Console' for 'Trust_Network' with the 'Petstore' tab selected. The 'Re Policies' section contains a table with the following data:

Name	Policy Used For	Expression	Input Parameters	Last Updated
PetstoreUserActivation	Access force.com Page	Email Authentication	Email Address	Jun 2, 2015
PetstoreTwoFactorNew	PetstoreTwoFactorAuth		User Id, User Id	Jun 4, 2015

The 'Visual Force component to include in force.com Page' field for the 'PetstoreUserActivation' policy contains the following code:

```
<trust_network:TrustTag host='tnaas.resilient-networks.com' policy='PetstoreUserActivation_8623' hideHeader='true' />
```

2. Paste content into "Petstore_UserActivationPolicy" VisualForce Page, and Save it:

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The screenshot displays the Salesforce Page Editor interface. At the top left, the page title 'Petstore_UserActivationPolicy' is circled in red. Below the title bar, the 'Page Edit' section contains buttons for 'Save', 'Quick Save', 'Cancel', 'Where is this used?', 'Component Reference', and 'Preview'. The 'Page Information' section includes fields for 'Label' and 'Name' (both set to 'Petstore_UserActivation') and a 'Description' field with the text 'To enable user activation policy'. There are also checkboxes for 'Available for Salesforce mobile apps' and 'Require CSRF protection on GET requests'. Below this, the 'Visualforce Markup' tab is active, showing a code editor with the following content:

```
1 <apex:page applyHtmlTaq="false" standardstylesheets="false" sidebar="false" showHeader="false">
2
3 <!-- DEFINE trust activation policy HERE -->
4 <trust_network:TrustTag host="tnaas.resilient-networks.com" policy="PetstoreUserActivation_8623" hideHeader="true"/>
5
6 </apex:page>
```

The code on line 4 is highlighted with a red box.

3. Go back to "Trust_Network" tab, click down arrow of "PetstoreTwoFactor" policy and copy the selected content as the following:

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The screenshot shows the 'Administrative Console' interface. At the top, there are navigation tabs for 'Home', 'Trust_Network', and 'Petstore'. The main header includes the 'trustnetwork as a service' logo, the title 'Administrative Console', and 'RESILIENT NETWORK SYSTEMS'. The 'Re Policies' section contains a 'Create New Policy' button and a table with the following data:

Name	Policy Used For	Expression	Input Parameters	Last Updated
PetstoreUserActivation	Access force.com Page	Email Authentication	Email Address	Jun 2, 2015
PetstoreTwoFactorNew	Access force.com Application	PetstoreUserAuth And PetstoreTwoFactorAuth	User Id, User Id	Jun 4, 2015

A tooltip is displayed over the 'PetstoreTwoFactorNew' policy, titled 'Visual Force markup to include in all force.com Application Pages:'. The markup code is as follows:

```
<apex:page showHeader="false" controller="TNaaSController"
extensions="/PetstoreTwoFactorNew_0620_Ext_actions/TrustNetworkPolicy">
<trust_network:EnforcePolicy host="tnaas.resilient-networks.com"
policy="PetstoreTwoFactorNew_0623"/>
```

4. Paste the policy into the "Petstore_TwoFactorAuthPolicy" VisualForce Page, and Save it:

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The screenshot shows the Salesforce Visualforce Page Editor interface. At the top, the page title is "Petstore_TwoFactorAuthPolicy", which is circled in red. Below the title bar, there are buttons for "Save", "Quick Save", "Cancel", "Where is this used?", "Component Reference", and "Preview". The main area is divided into "Page Information" and "Visualforce Markup".

Page Information:

- Label: Petstore_TwoFactorAuthr
- Name: Petstore_TwoFactorAuthr
- Description: To enable two factor authentication policy
- Available for Salesforce mobile apps:
- Require CSRF protection on GET requests:

Visualforce Markup:

```
1 <apex:page applyHtmlTag="false" standardstylesheets="false" sidebar="false" showHeader="false">
2
3 <!-- Define Two-Factor Authentication Policy -->
4 <trust_network:Enforce_Policy host="tnaas.resilient-networks.com" policy="PetstoreTwoFactorNew_8623"/>
5
6 </apex:page>
```

The markup code is shown in a text editor with line numbers 1 through 6. A red box highlights the line: `<trust_network:Enforce_Policy host="tnaas.resilient-networks.com" policy="PetstoreTwoFactorNew_8623"/>`.

5. Go to "PetstoreBaseController" Apex Class, and modify the section between comments of "Enable Trust Network":

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Apex Class Detail Edit Delete Download Security Show Dependencies

Name	PetstoreBaseController	Status	Active
Namespace Prefix		Code Coverage	0% (No coverage data)
Created By	Ethan Ayer , 6/3/2015 5:25 PM	Last Modified By	Ethan Ayer , 6/3/2015 5:25 PM

Class Body Class Summary Version Settings Log Filters

```
1  /**
2  * Base controller, all Petstore controllers should extend this
3  */
4  public virtual class PetstoreBaseController
5  //UNCOMMENT to enable Trust Network
6  //extends trust_network.TNaaSController
7
8  {
9
10 ///////////BEGIN Enable Trust Network/////////
11 //flip this flag to true once we enabled trust network
12 @TestVisible
13 private boolean isTrustNetworkEnabled = false;
14
15 //set the policy to be enforced
16 private static String AUTH_POLICY_NAME = "";
17
18 private PageReference enforcePolicy() {
19 //UNCOMMENT to enable TrustNetwork
20 //return enforcePolicy(AUTH_POLICY_NAME);
21 return null;
22 }
23
24 //COMMENT OUT THIS METHOD to enable TrustNetwork
25 @TestVisible
26 private Map<String, String> getSessionParameters() {
27 return new Map<String, String>();
28 }
29
30 //COMMENT OUT THIS METHOD to enable TrustNetwork
31 private String appendParametersQueryString(String uri, Map<String, String> params) {
32 return "";
33 }
34
35 ///////////END Enable Trust Network/////////
```

6. After the edit, it should look like these:

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Apex Class Detail

[Edit](#) [Delete](#) [Download](#) [Security](#) [Show Dependencies](#)

Name	PetstoreBaseController	Status	Active
Namespace Prefix		Code Coverage	0% (0/77)
Created By	Ethan Ayer , 6/3/2015 5:25 PM	Last Modified By	Ethan Ayer , 6/4/2015 1:59 PM

[Class Body](#) [Class Summary](#) [Version Settings](#) [Log Filters](#)

```
1 /**
2  * Base controller, all Petstore controllers should extend this
3  */
4  public virtual class PetstoreBaseController
5  //UNCOMMENT to enable Trust Network
6  extends trust_network.TNaaSController
7
8  {
9
10 ///////////BEGIN Enable Trust Network/////////
11 //flip this flag to true once we enabled trust network
12 @TestVisible
13 private boolean isTrustNetworkEnable = true;
14
15 //set the policy to be enforced
16 //THIS IS THE TWO FACTOR AUTH POLICY NAME
17 private static String AUTH_POLICY_NAME = 'PetstoreTwoFactorNew_8623';
18
19 private PageReference enforcePolicy() {
20 //UNCOMMENT to enable trust network
21 return enforcePolicy(AUTH_POLICY_NAME);
22 //return null;
23 }
24
25 //COMMENT OUT THIS METHOD to enable TrustNetwork
26 //@TestVisible
27 //private Map<String, String> getSessionParameters() {
28 // return new Map<String, String>();
29 //}
30
31 //COMMENT OUT THIS METHOD to enable TrustNetwork
32 //private String appendParametersQueryString(String uri, Map<String, String> params) {
33 // return "";
34 //}
35
36 ///////////END Enable Trust Network/////////
```

7. The Policy Name from above, should be copied from "PetstoreTwoFactor" policy:

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The screenshot shows the Salesforce configuration interface. At the top, there is a 'Re Policies' section with a 'Create New Policy' button and a table of existing policies. Below this is the 'Re Authorities' section. A tooltip is displayed over the 'Re Authorities' section, showing Visual Force markup for including a policy in all force.com application pages. The markup includes a controller reference to 'TNaaSController' and an extension to 'PetstoreTwoFactorNew_8623_Ext'. The policy name 'PetstoreTwoFactorNew_8623' is highlighted with a red box in the tooltip.

Name	Policy Used For	Expression	Input Parameters	Last Updated
PetstoreUserActivation	Access force.com Page	Email Authentication	Email Address	Jun 2, 2015
PetstoreTwoFactorNew	Access force.com Application	PetstoreUserAuth And PetstoreTwoFactorAuth	User Id, User Id	Jun 4, 2015

```
<apex:page showHeader="false" controller="TNaaSController"
extensions="PetstoreTwoFactorNew_8623_Ext" action="{!lenforcePolicy}">
<apex:include controller="PolicyResource" as="resilient-networks.com"
policy="PetstoreTwoFactorNew_8623" />
</apex:page>
```

8. If you are using [VF tab to host petstore](#), no further configuration needed. For using [petstore as a force.com site](#), you need to enable public access for the following additional components:

a) Add trust_network.TNaaS controller to the "Apex Class Access"

Enable Apex Class Access

[Help for this Page](#) ?

Select the Visualforce pages that you want to make accessible at this Force.com site.

Available Apex Classes		Enabled Apex Classes
<ul style="list-style-type: none">ChangePasswordControllerTestForgotPasswordControllerForgotPasswordControllerTestMyProfilePageControllerMyProfilePageControllerTestSiteLoginControllerSiteLoginControllerTestSiteRegisterControllerSiteRegisterControllerTesttrust_network.TNaaSControllerTesttrust_network.TNaaSPostInstallClasstrust_network.TNaaSSessionCleanupSchedulertrust_network.TNaaSSessionCleanupTestPetstoreTwoFactorAuth_7976_Ext	<p>Add</p> <input type="button" value="▶"/> <input type="button" value="◀"/> Remove	<ul style="list-style-type: none">PetstoreBaseControllerPetstoreCheckoutControllerPetstoreItemControllerPetstoreItemDetailControllerPetstoreOrderProcessTestPetstorePostInstallationControllerPetstoreShowCartControllerPetstoreSignInControllerPetstoreSignUpControllerPetstoreUserActivationController<li style="background-color: #e0e0e0;">trust_network.TNaaSController

b) Add <Policy>_Login, <Policy>_Logout and <Policy>_PostEval to the "Visualforce Page Access"

Enable Visualforce Page Access

[Help for this Page](#) 

Select the Visualforce pages that you want to make accessible at this Force.com site.

Available Visualforce Pages		Enabled Visualforce Pages
ChangePassword ForgotPassword ForgotPasswordConfirm IdeasHome MyProfilePage SiteLogin SiteRegister SiteRegisterConfirm StdExceptionTemplate UnderConstruction trust_network.TNAAS trust_network.TNaaSControllerTestPage SiteTemplate Unauthorized	Add <input type="button" value="▶"/> <input type="button" value="◀"/> Remove	Petstore_Confirm Petstore_Index Petstore_ItemDetails Petstore_PageTemplate Petstore_ShowCart Petstore_SignIn Petstore_SignUp Petstore_TrustEnableBasePage Petstore_TwoFactorAuthPolicy Petstore_UserActivation Petstore_UserActivationPolicy PetstoreTwoFactorAuth_7976_Login PetstoreTwoFactorAuth_7976_Logout PetstoreTwoFactorAuth_7976_PostEval

9. If you have signed up users from pre trust-enabled version, make sure to set the `Petstore_User__c.Activation__c` field to 1 or delete those users and redo the sign ups.