

Pulp - Story #4954

As a user, I can restrict a Distribution to serve a particular scheme

06/11/2019 03:36 PM - bmbouter

Status:	NEW	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:		Tags:	
Platform Release:		Sprint:	
Groomed:	No	Quarter:	
Sprint Candidate:	No		

Description

Problem

A user wants to configure specific repositories to serve via http, others via https, and yet others via both. The use case for https is that people want security. The use case for http is that some clients may not support https.

Solution

Add a field named `allowed_scheme` to `BaseDistribution` so it's available to all subclassed `Distribution` types. This is a choice field that accepts one of 3 values:

```
http - Only serve the request if the scheme is 'http'
https - Only serve the request if the scheme is 'https'
any - Serve all requests regardless of the scheme <----- this is the default
```

Use the [X-Forwarded-Proto header](#) so Pulp can know the scheme being served in cases where TLS occurs before the reverse proxy call to Pulp. If the header is not present, the current request scheme is the one assumed.