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IBM Content Manager Storage Team

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# Product Implementation Training (PIT)

## IBM FileNet Content Manager 5.2.1GA

### Content Cache Enhancements in CPE 5.2.1



## Introduction

- Course Overview
  - Content Cache Enhancements for CPE 5.2.1
- Target Audience
  - Support Teams and Lab Services
- Suggested Prerequisites
  - Knowledge of P8 Administration Environment
- Version Release Date: October 31, 2014

## Course Objectives

After this course you will be able to:

- Explain the changes made to the content cache to ease configuration
- Configure a content cache

## Course Roadmap

- ➔ Overview
  - Cross Mounting Requirements
  - Content Cache and Advanced Storage
  - Demonstration

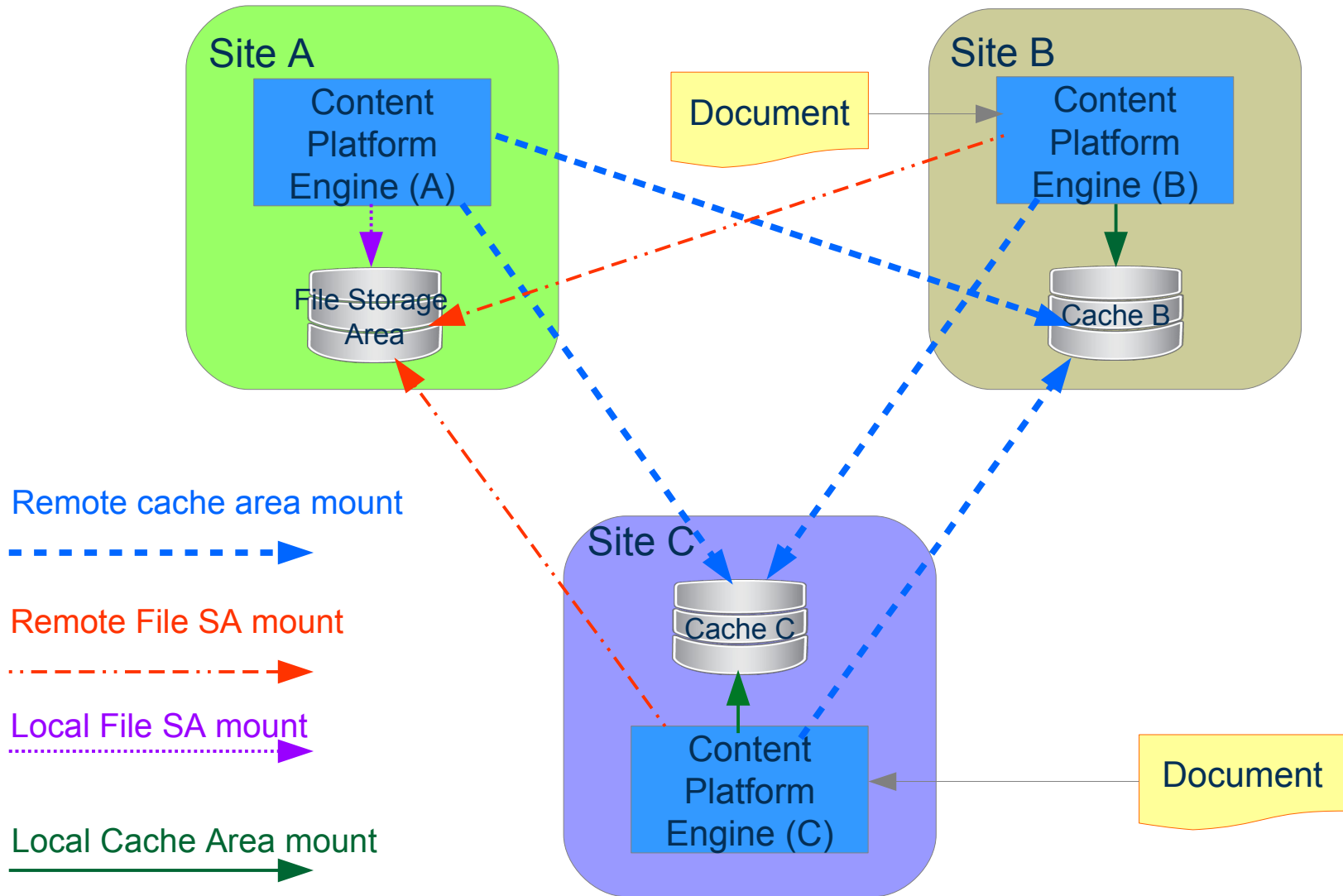
## Overview

- CPE Content cache has been enhanced to reduce configuration complexity
- Number of required cross-mounted file systems between sites reduced
- Remove requirement to cross-mount content cache directories between content cache sites
- Removed requirement to cross-mount all content cache directories at the object store site
- Retained requirement to cross-mount storage areas to the content cache site
  - File storage area root directories
  - Fixed storage area staging directories

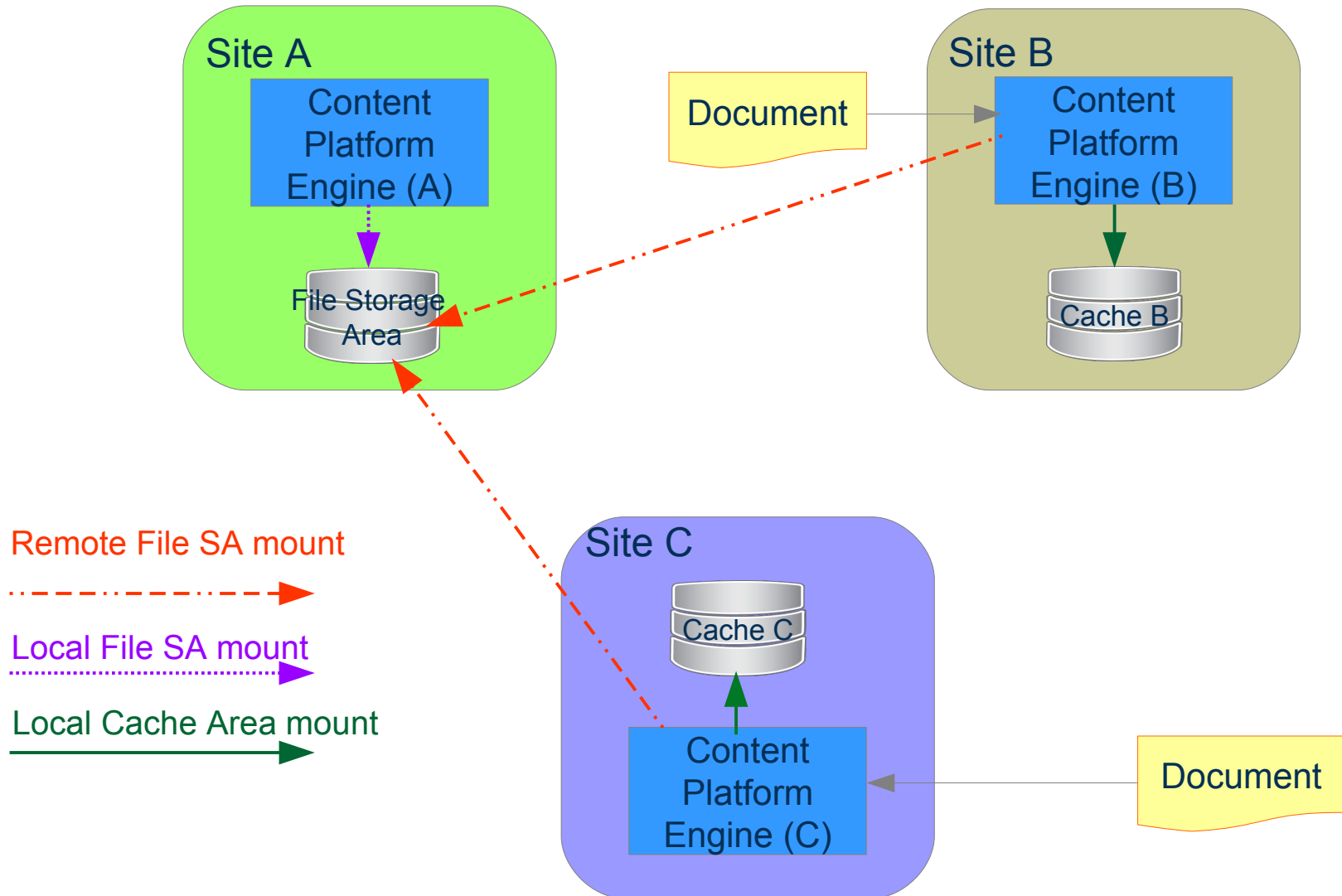
## Course Roadmap

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## Pre – CPE 5.2.1 cross mounting requirements

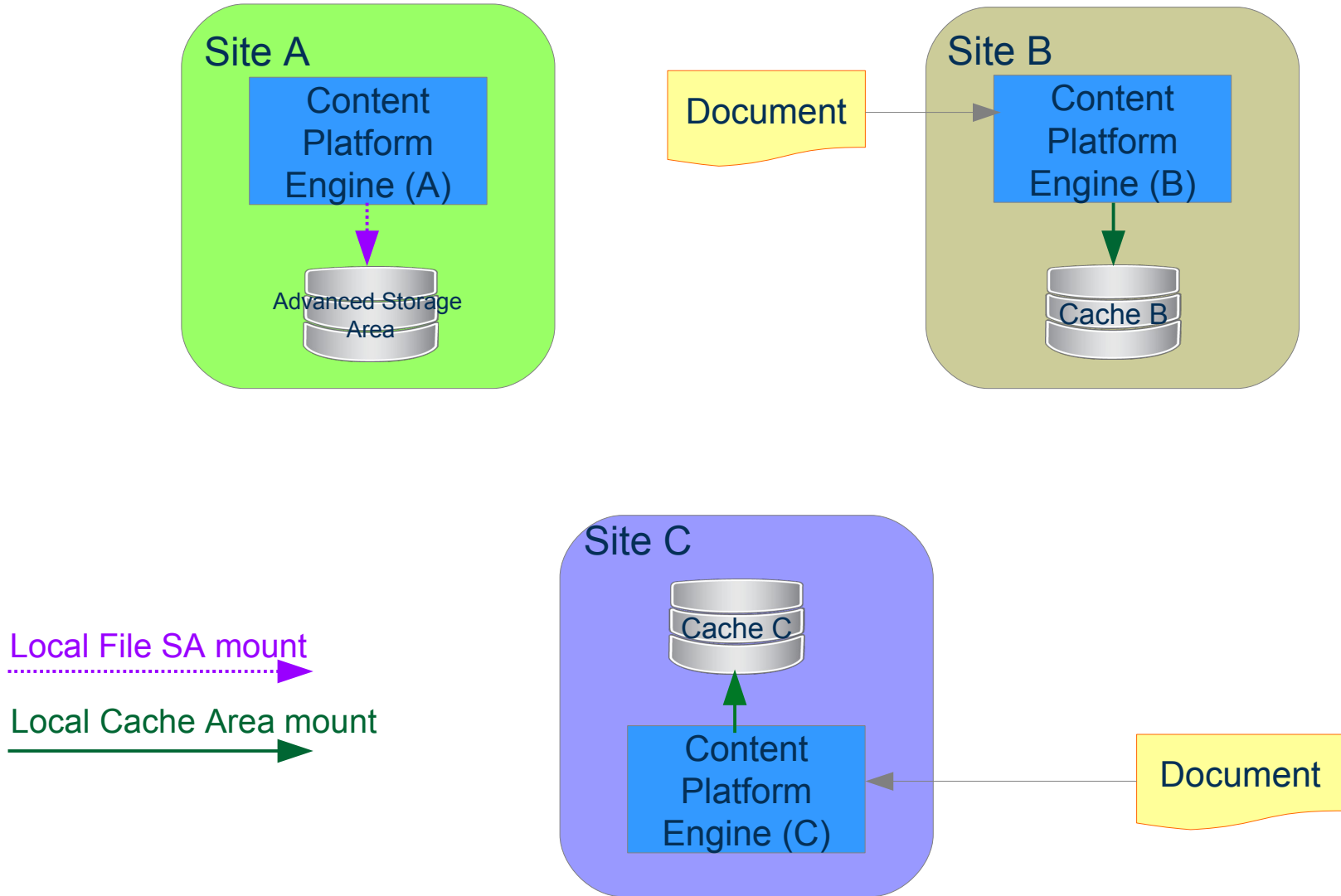


## CPE 5.2.1 cross mounting requirements





## CPE 5.2.1 cross mounting requirements with Advanced Storage



## Creating a Content Cache

New restriction when creating a Content Cache:

- Use ACCE connected to a CPE server that has access to content cache root directory
- The CPE server that creates the Content Cache must have access to the file system to create the content cache folder structure

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## Content Cache vs. Advanced Storage Replication

### Advanced Storage Replication

- All data in the storage area is replicated to every site with a replica
- Good if all sites require equal access to the data in the storage area
- Requires more storage since each site has a full replica of the storage area content

### Content Cache

- Only the most frequently accessed data is maintained in a site
- Old data is automatically pruned
- Reduced storage requirements for each site
- Greater latency to access data not already in the content cache

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- ➔ Demonstration

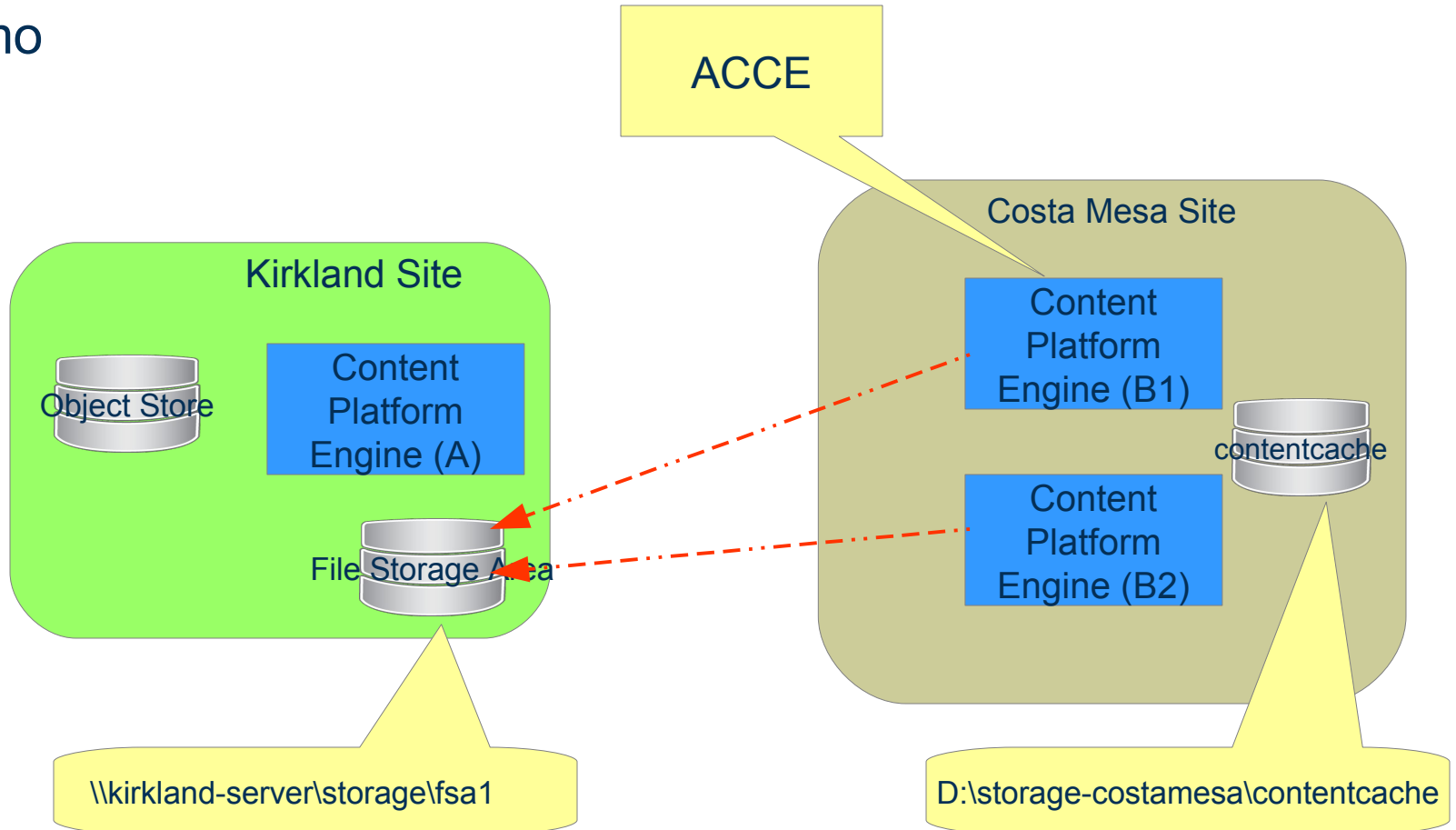
## Demo

Configure content cache on remote site

Create document at remote site

Retrieve document at remote site

## Demo



Remote File SA mount



## Course Summary

You have completed this course and can:

- Explain the changes made to the content cache to ease configuration
- Configure a content cache



## Contacts

- Product Marketing Manager:
  - Robert Finn
- Product Manager:
  - Stephen Hussy
- Subject Matter Experts (SME) / Area of Expertise:
  - Roger Bacalzo
  - Shuang Wang
- Support:
  - Eric Fonkalsrud Jr (L3 Manager)

## Product Help/Documentation/Resources

P8 5.2.1 Information Center (available October 31<sup>st</sup>)

[http://www.ibm.com/support/knowledgecenter/SSNW2F\\_5.2.1/](http://www.ibm.com/support/knowledgecenter/SSNW2F_5.2.1/)

Administering Content Platform Engine

- Defining the repository infrastructure

- Storing content

- Optimizing storage area performance

- Caching content