

# System Administration of PTC Windchill

## Overview

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Course Length

24 Hours

In this course, you will gain an understanding of how to perform routine Windchill system administration tasks, including how to manage Windchill services and optimize Windchill components for performance. You will focus on daily, weekly, and monthly system maintenance tasks required by the Windchill system administrators. You will also learn how to implement file vaulting and content replication. Other topics that will be reviewed include managing the Windchill database, troubleshooting background queues, improving workflow performance, optimizing visualization publishing process, and setting up the client environment.

At the end of each module, you will complete a set of review questions to reinforce critical topics from that module. At the end of the course, you will complete a course assessment in PTC University Proficiency intended to evaluate your understanding of the course as a whole.

This course has been developed using Windchill.



SMART



CONNECTED



COMPLETE



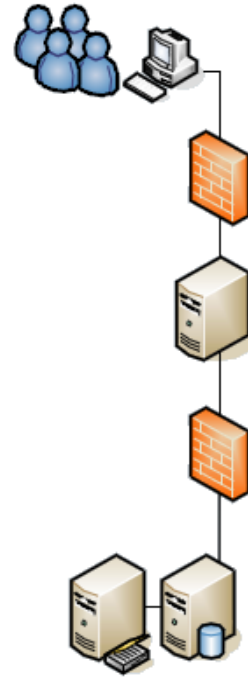
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## Course Objectives

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- Understand Windchill architecture.
- Start and stop Windchill components.
- Manage Windchill configuration properties.
- Implement file vaulting and content replication.
- Tune Windchill components for performance.
- Tune Windchill workflows for performance.
- Manage background queues.
- Manage visualization publishing system.
- Manage Windchill database.
- Manage system backups.
- Manage Windchill system logs and alerts.
- Monitor daily, weekly, and monthly administration tasks.
- Configure browser and JAVA settings for clients.





## Prerequisites

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- Familiarity with the Windchill PDMLink or Windchill ProjectLink user interface.
- Familiarity with the Windows command prompt and the ability to form and execute basic SQL statements.

## Audience

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- This course is intended for System Administrators and Application Developers. People in related roles will also benefit from taking this course.
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# Agenda

## Day 1

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Module	1	Introduction to the Windchill System Environment
Module	2	Managing Windchill Services
Module	3	Managing Windchill Properties
Module	4	File Vaulting and Replication Overview
Module	5	Implementing File Vaults

## Day 2

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Module	6	Implementing Content Replication
Module	7	Tuning Windchill Server
Module	8	Managing Background Queues
Module	9	Managing Your Visualization Publishing System
Module	10	Tuning Workflow Processes
Module	11	Windchill Backup and Recovery

## Day 3

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Module	12	Managing Log Files and Alerts
Module	13	Daily System Monitoring Tasks
Module	14	Weekly System Monitoring Tasks
Module	15	Monthly System Monitoring Tasks
Module	16	Setting Up the Client Environment
Module	17	Miscellaneous System Enhancements

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