

# RX-M - HTTP/2 Foundation

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<b>Code:</b>	CN1-HTTP2-F
<b>Length:</b>	2 days
<b>URL:</b>	<a href="#">View Online</a>

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This intensive two day hands on course is designed to provide working developers, IT staff and other technology professionals with a comprehensive introduction to the HTTP/2 standard. Each of the eight modules in this course includes a hands on lab designed to give attendees a detailed understanding of the operation of HTTP/2 through the construction of simple HTTP/2 programs and Wire Shark packet inspection. The course begins with a review of HTTP 1.1 and the challenges it faces. The course then walks through all of the key features of HTTP/2 and explains how they improve on the shortfall present in HTTP 1.1. Performance comparisons, tools and the state of HTTP/2 in the wild are all covered in detail. Upon completion of the course attendees will have the skills and information necessary to begin designing and working with HTTP/2 based software, systems and tools.

## Skills Gained

- This course is designed to provide engineering staff with a comprehensive introduction to the HTTP/2 protocol.

## Who Can Benefit

- Developers, Engineering Managers, Architects, Security and IT staff

## Prerequisites

- Attendees must be able to run a 64 bit virtual machine and have Internet access.

## Course Details

### HTTP/2 Foundation

- Day 1

1. HTTP 1.1 Review
2. HTTP/2 Overview and 1.1 compatibility
3. HTTP/2 Data Transport and mandatory encryption
4. HTTP/2 Server Push

- Day 2

1. HTTP/2 Multiplexing
2. HTTP/2 Header Compression

3. HTTP/2 Request Prioritization

4. Key HTTP/2 technologies and the HTTP/2 ecosystem

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