

Packet Tracer 7.1.1

Stefan Platzek Networking Academy Day 2018 21-Apr-18





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What's new

- **New Devices**
- Workspace
- Other Changes

be Berlin und Familie "Hands" on **Physical Workspace Programming IoT Activity Sequencer Activity Code Check**

Senatsverwaltung

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New Devices



3650 MLS
4321 Router
Access Point-AC
2504 WLC
Generic WLC
3702
Generic LW Access Point

Workspace



Containers scale properly Rack updates/spacing Patch panels and wall mounts Power distribution units High resolution display support

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Other Changes

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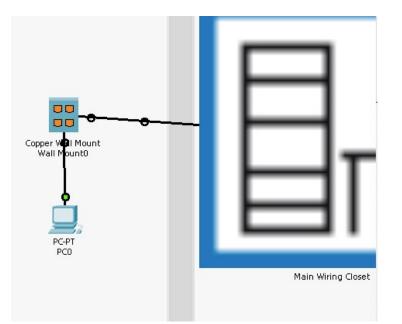


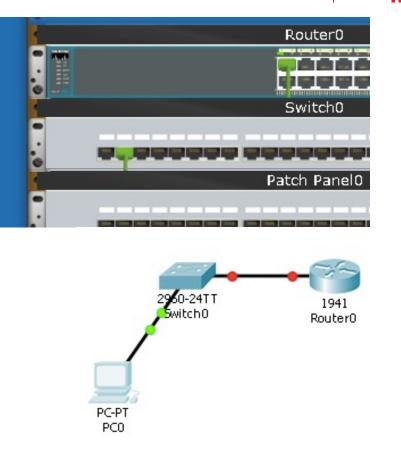
Uniform PDU format New IOS/IOS-XE CAPWAP protocol App support on PC Export programming project as pkp Custom user command to PC CLI MQTT Activity Sequencer and Editor Activity Wizard Code Testing different providers for cellular networks IoX client support on PC Cartridge support on 829 ASA security plus license enhancements to existing protocols

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Patch Panel





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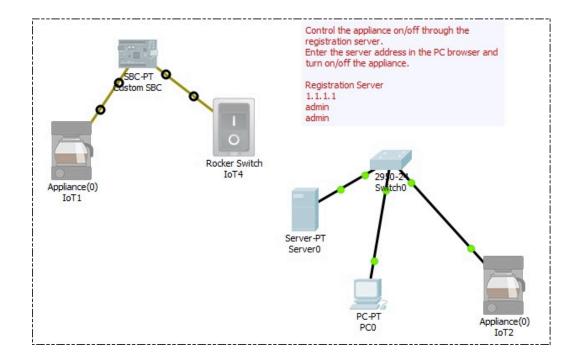




Programming Internet of Things - 1



- "Smart" Home as example for interdisciplinary teaching
 - Use saves boiler-plates
 - o Start simple
 - \circ grow in complexity



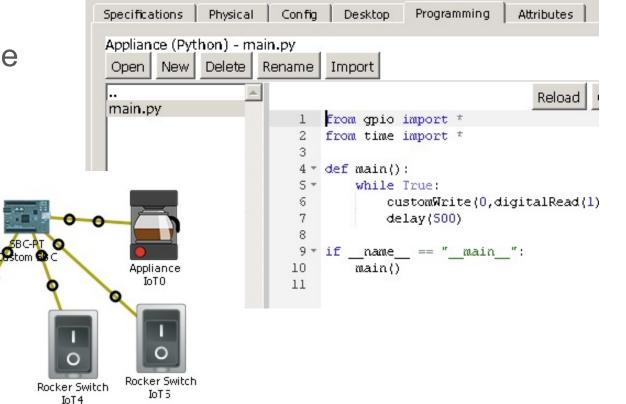
Programming Internet of Things - 1

Appliance(0)

IoT 1

SBC

- Understand the example
 - What does it do?
- Extend the example
 - What to change?



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Programming Internet of Things - 1

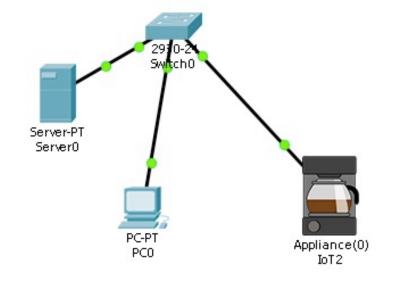
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Registration Server

- Understand the example
 - What does it do?
 - Start by Turning Appliance(0) on
- Extend the example
 - Add server
 - Turn IoT-Service on
 - Add user
 - Add Appliance
 - Register Appliance

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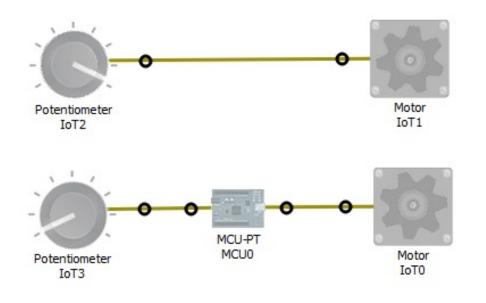


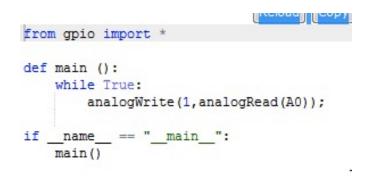


Programming Internet of Things - 2 Senatsverwaltung für Bildung, Jugend und Familie



• Use Motor







Activity Sequencer

- Ever heard of?
- What's the idea?
 - Work PKAs one after the other
 - Allow "forks"

false	
Activity Sequence Title: 🕄	
My Sequence 1	_
Initial Activity Name: 🕄	
A1	
Total Activities: 🕄	_
1	
	_
Activity 1	_
Activity Name: 🕄	
A1	
Activity Filename (.pka): 🕄	© 2017 Cisco and/or its affiliates. All rights re

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Activity Sequencer



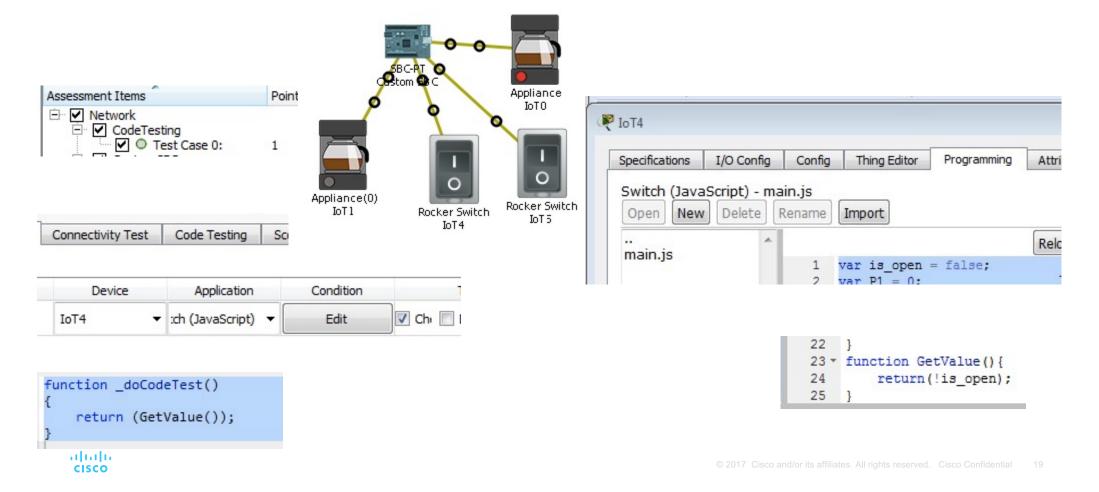
Retivity Sec	uencer	•••						
		Time Elapsed: 00:00:11		Time Elapsed: 00:00:47				
A1		Check Activity	Reset Activity	Take Quiz	Reset Activity			
Press Start to begin.		,	,	Great job! Plea	ase take the quiz l	before moving or	to the next activity.	
Chart			Time Elapsed:					
Start My Quiz		uiz Next Activity		Pocot Activity	,			
		vorks	Next Activity Reset Activity Congratulations on completing this activity!					
	Question 1	1 of 2	Congratulations	on completing t	inis activity!			
	1. What	is the Broadcast Add						
C 100.1.2.96				Congratu	Congratulations! You have reached the end of the sequence. $ imes$			
C 100.1.2.100				Enter your email to receive your overall report.				
c 100.1.2.127 c 100.1.2.255				- NOLLOW				
	0 100.	1.2.200		100@10	OUR_DOMAIN_NAME			
	Submit							
ahaha							Cancel OK	
CISCO								



Activity Wizard Code Check

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Thank you.

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