



# EPV TECHNOLOGIES NEWSLETTER

December 2019



## THIS MONTH HIGHLIGHTS

Tech Papers publishing will restart in 2020

EPV Performance University 2020  
Agenda and subscription forms available

New IBM Redbook

## FORMULA OF THE MONTH

### MQ Log Task Utilization

Performance of the MQ log task are very critical for applications using persistent messages.

The highest the MQ log task utilization the highest the probability of application delays.

SMF 115 records, produced by activating the class 1 of the statistics trace, provide the time the log task was idle in the QJSTSLPTU field.

Using it, you can calculate the MQ log task utilization with the following formula:

MQ log task %utilization = (interval - QJSTSLPTU) / interval \* 100

Tech Papers publishing will restart in 2020



Tech Papers publishing has been suspended for the Christmas holidays.  
The EPV Newsletter editorial staff wishes you a Merry Christmas and a Happy New Year.

EPV Performance University 2020  
Agenda and subscription forms available



MQ performance analysis  
Db2 performance analysis  
z/OS performance analysis  
WLM update

## Performance University 2020

The fifth edition of the EPV Performance University will be held on February 24-28, 2020 in Rome at Hotel Cicerone.

This year the EPV Performance University will be structured in four training courses on the following topics:

- MQ performance analysis, 24 February 2020
- Db2 performance analysis, 25 February 2020
- z/OS performance analysis, 26-27 February 2020
- WLM update, 28 February 2020

These training courses have been designed to provide participants a deeper knowledge about:

- the most relevant performance metrics to use to analyse MQ performance;
- the most relevant performance metrics to use to analyse Db2 performance;
- the most relevant performance metrics to use to analyse z/OS performance;
- the most advanced and recent WLM functions.

EPV products will be used as a map to make the path easier but most of the concepts discussed will be of general interest also for not EPV customers.

The number of participants is limited to 20 so hurry up to avoid missing this opportunity.  
Participants will be accepted based on a first come, first served basis.

The cost for EPV Customers/Partners will be 100,00 Euro per day.  
The cost for not EPV Customers/Partners will be 500,00 Euro per day.

The courses language will be English

More details and subscription forms now available at:

[www.epvtech.com](http://www.epvtech.com)

## New IBM Redbook

The most exciting new function available in z/OS 2.4 is IBM z/OS Container Extensions (zCX).

“zCX enables clients to deploy Linux on Z applications as Docker containers in a z/OS system to directly support workloads that have an affinity to z/OS. This is done without the need to provision a separate Linux server. At the same time, operational control is maintained within z/OS and benefits of z/OS Qualities of Service (QoS) are retained.

Linux on Z applications can run on z/OS, so you are able to use existing z/OS operations staff and reuse the existing z/OS environment.

zCX expands and modernizes the software ecosystem for z/OS by including Linux on Z applications, many of which were previously available only on a separately provisioned Linux.

Most applications (including Systems Management components and development utilities/tools) that are currently available to run on Linux will be able to run on z/OS as Docker containers only.”

IBM recently published a very interesting Redbook: “Getting started with z/OS Container Extensions and Docker”.

[New IBM Redbook](#)

## RECIPES



# Rosti di lenticchie rosse con capesante

## Ingredients

1 potato  
1 shallot  
3 tablespoons extra virgin olive oil  
80 grams red lentils  
5 deciliters broth  
1 yolk  
80 grams butter  
8 scallops  
sage leaves  
speck slices  
pepper  
salt

## Method

Boil a potato for 20 minutes. Drain it, peel it and crush it.

In a saucepan, cook a chopped shallot in 3 tablespoons of extra virgin olive oil, add 80 g of peeled red lentils, flavor them, cover them with 5 dl of hot broth and cook covered, for 10 minutes.

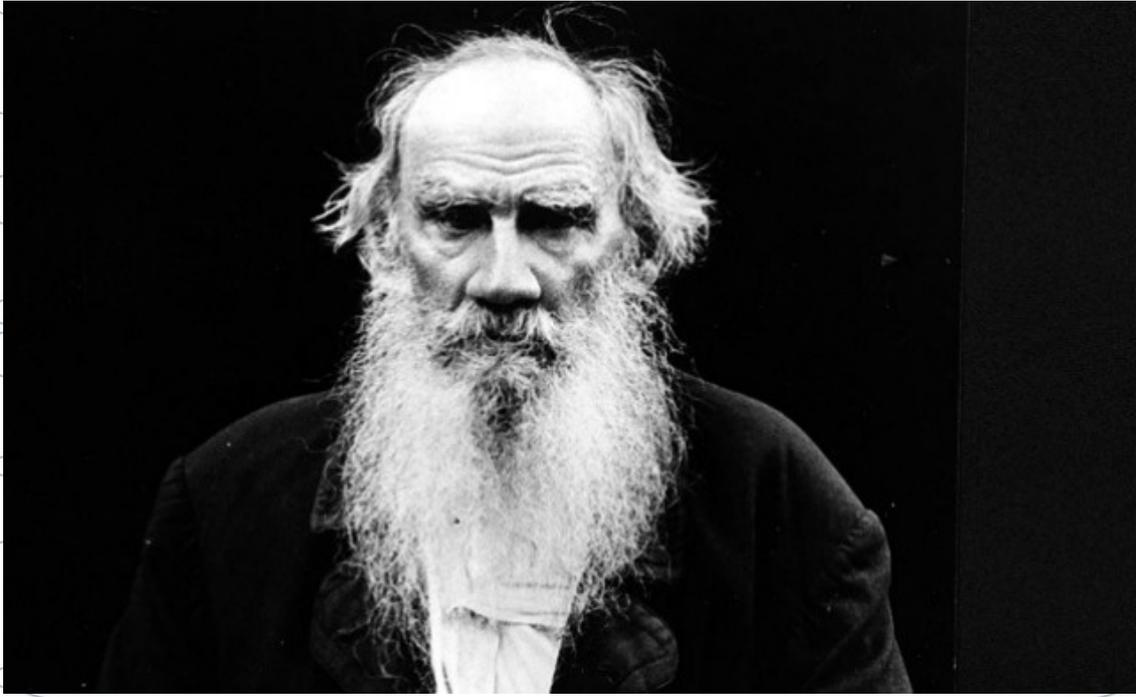
They must be dry and slightly al dente. Mix the lentils with the potato, an egg yolk, salt and pepper until you have a homogeneous mixture.

Melt 50 g of butter in a large pan, add the lentil mixture in 8 spoonfuls and squeeze them with the back of the spoon to form irregular discs.

Cook the rosti 2 minutes per side and drain them on absorbent paper. Wash 8 scallop nuts, cover them with a sage leaf and wrap them each in half a slice of speck. Melt 30 g of butter in a pan and brown the scallops.

Place each scallop wrapped in speck over a rosti and serve while still hot.

**QUOTES**



*"Everyone thinks of changing the world, but no one thinks of changing himself"*

*Lev Tolstoj*

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