



Microsoft Certification

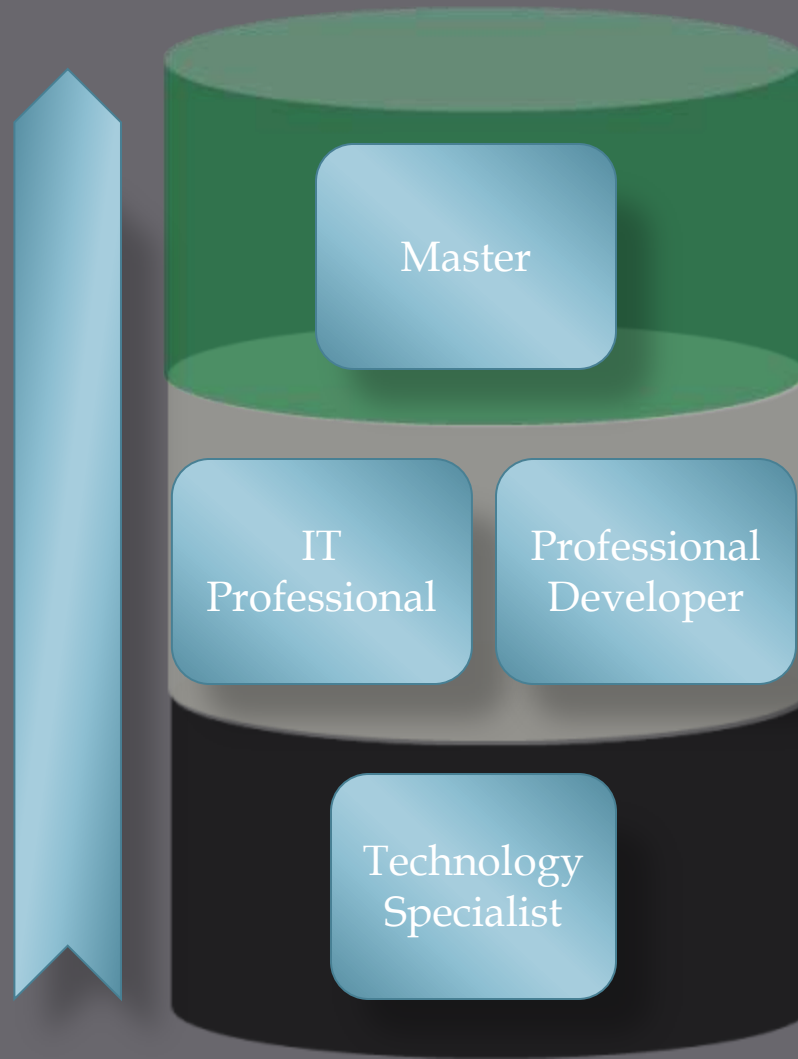


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Certification Overview



The Exam

- ▣ All exams are managed by www.prometric.com
 - Exams cost £88
 - ▣ Get 15% off before 31st December 2009
 - <http://www.prometric.com/microsoft/careeroffer.htm>
 - Prometric Test Centres near Bristol:-
 - ▣ Prometric Test Centre, Bristol BS1 4ST
 - ▣ F1 Computing Systems, Bath
 - You must register at least 24 hours in advance
 - Pass mark is 700 out of 1000
 - After the exam you can comment on the exam
 - ▣ These comments are sent directly to Microsoft

The Exam (continued)

- You get your score immediately
 - If this is your first successful exam you will get an email from Microsoft within 48 hours informing you that you are an MCP
 - First retake must be greater than 24 hours after the exam
 - Second retake must be greater than 14 days after the second exam
- The certification is valid for as long as the product is alive

Practice Exams

- ▣ The following companies provide practice exam software:-
 - Measure Up, <http://www.measureup.com>
 - ▣ 50 to 70 euros
 - ▣ TechEd Europe 2009 attendees get up to 40% off before 15 December 2009
 - ▣ No network connection required for non-online version
 - Self Test Software, <http://www.selftestsoftware.com>
 - ▣ \$49 to \$184
- ▣ It took me 75 minutes to do the practice test
 - I scored 49% without any preparation
- ▣ The questions are "not designed to trick you"

The "Unnecessarily Verbose" Question

- ❑ You are an application developer. You create a custom collection class named **ShoppingList** that will contain **ShoppingItem** objects. The class **ShoppingItem** has the following public properties:
 - **Name** of the product
 - **AisleNumber** where the product can be found
 - **OnDiscount** whether the product is on discount or not
- ❑ You want to ensure that the users of your class can iterate through the **ShoppingList** collection and list each product name and aisle number by using the **foreach** statement.
- ❑ Which code should you use ?

The "Unnecessarily Verbose" Question (continued)

```
public class ShoppingList :  
    IEnumerator, IEnumerable {  
    // Class implementation  
}
```

```
public class ShoppingList :  
    IList {  
    // Class implementation  
}
```

```
public class ShoppingList :  
    Enum {  
    // Class implementation  
}
```

```
public class ShoppingList :  
    ICollection {  
    // Class implementation  
}
```

The "Unnecessarily Verbose" Question (continued)

- ▣ The question should have been:-
 - Which of the following class declarations should you use to support the foreach statement ?

```
public class ShoppingList : IEnumerator, IEnumerable
```

```
public class ShoppingList : IList
```

```
public class ShoppingList : Enum
```

```
public class ShoppingList : ICollection
```

The "Obfuscation By Differences" Question

- ▣ You are an application developer for a company. You are creating an application that will display certain clock speed statistics on all processors installed on a target server. Which code should you use ?

```
ManagementObjectSearcher processorSearcher = new
ManagementObjectSearcher (
foreach (ManagementObject obj in processorSearcher.Get(
"SELECT * FROM win32_Processor" ) {
console.WriteLine( "{0} ", obj["Name"]);
console.WriteLine("{0} / {1}", obj["CurrentClockSpeed"],
obj["MaxClockSpeed"] ); }
```

```
ManagementObjectQuery processorQuery = new ManagementObjectQuery (
foreach (ManagementObject obj in processorQuery.Get(
"SELECT * FROM win32_Processor" ) {
console.WriteLine( "{0} ", obj["Name"]);
console.WriteLine("{0} / {1}", obj["CurrentClockSpeed"],
obj["MaxClockSpeed"] ); }
```

```
ManagementObjectSearcher processorSearcher = new
ManagementObjectSearcher ("SELECT * FROM win32_Processor" );
foreach (ManagementObject obj in processorSearcher.Get()) {
console.WriteLine("{0} ", obj["Name"]);
console.WriteLine("{0} / {1}", obj["CurrentClockSpeed"],
obj["MaxClockSpeed"] ); }
```

```
ManagementObjectQuery processorQuery = new
ManagementObjectQuery ("SELECT * FROM win32_Processor" );
foreach (ManagementObject obj in processorQuery.Get()) {
console.WriteLine("{0} ", obj["Name"]);
console.WriteLine("{0} / {1}", obj["CurrentClockSpeed"],
obj["MaxClockSpeed"] ); }
```

Resources

- ▣ <http://www.microsoft.com/learning>
- ▣ <http://www.microsoft.com/learning/en/us/exam.aspx?ID=70-536>
- ▣ <http://www.microsoft.com/learning/mcp>
- ▣ <http://www.microsoft.com/learning/offers>
- ▣ <http://areyoucertifiable.com>
- ▣ <http://www.microsoft.com/learning/plan>
- ▣ <http://www.microsoft.com/learning/snacks>
- ▣ <http://www.microsoft.com/learning/books>
- ▣ <http://borntolearn.mslearn.net>